



# STIC Search Report

EIC 2100

STIC Database Tracking Number: 135572

**TO:** Elliot Frank  
**Location:** RND, 5D28  
**Art Unit :** 2125  
**Wednesday, October 20, 2004**  
**Case Serial Number:** 10/623256

**From:** Geoffrey St. Leger  
**Location:** EIC 2100  
**PK2-4B30**  
**Phone:** 308-7800  
**geoffrey.stleger@uspto.gov**

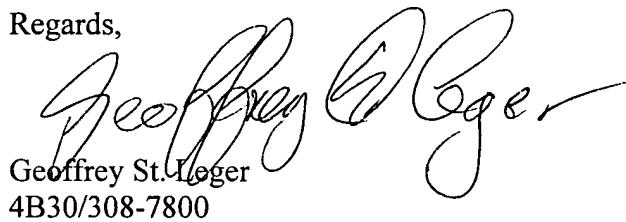
## Search Notes

Dear Examiner Frank,

Attached please find the results of your search request for application 10/623256. I searched Dialog's foreign patent files, technical databases, product announcement files and general files; along with the Internet.

Please let me know if you have any questions.

Regards,



Geoffrey St. Leger  
4B30/308-7800



# STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Anne Hendrickson, EIC 2100 Team Leader  
308-7831, CPK2-4B40

## Voluntary Results Feedback Form

- *I am an examiner in Workgroup:*  Example: 2133
- *Relevant prior art found, search results used as follows:*
- 102 rejection
  - 103 rejection
  - Cited as being of interest.
  - Helped examiner better understand the invention.
  - Helped examiner better understand the state of the art in their technology.

*Types of relevant prior art found:*

- Foreign Patent(s)
- Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ *Relevant prior art not found:*

- Results verified the lack of relevant prior art (helped determine patentability).
- Results were not useful in determining patentability or understanding the invention.

**Comments:**

Drop off or send completed forms to STIC/EIC 2100 CPK2-4B40



(30)

## SEARCH REQUEST FORM

## Scientific and Technical Information Center

Requester's Full Name: ELLIOT FRANK Examiner #: 78511 Date: 10/20/2004  
 Art Unit: 2125 Phone Number 30 2-3739 Serial Number: 10/623,256  
 Mail Box and Bldg/Room Location: BND 5D28 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: SYSTEM FOR DETERMINING CARRIER SERVICE USING LOGISTICS CONSIDERATIONS

Inventors (please provide full names): STEVEN CLAY LARING, WAYNE LEROY ZARN, ALLISON FAY SEARCY, THAB AL WAZANI, JEFFREY DAVID JOYLE, WILLIAM FREDERICK REEVES,

Earliest Priority Filing Date: 7/18/2003 Michael R. Rodgers, Christopher Waters

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

CLAIM ATTACHED. I AM LOOKING FOR THE  
 SHIPPING ASPECT WHERE A PLANNING SYSTEM TAKES  
 INTO ACCOUNT A DUE DATE SO THAT LOWER  
 COST SHIPPING CAN EMULATE EXPEDITED  
 SHIPPING.

ADVISE IF ?

THANKS ...

*Elliott*

BEST AVAILABLE COPY

## STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Scott Frey ST-L (epo)</u>	NA Sequence (#) <input type="checkbox"/>	STN <input type="checkbox"/>
Searcher Phone #: <u>308-5802</u>	AA Sequence (#) <input type="checkbox"/>	Dialog <input checked="" type="checkbox"/>
Searcher Location: <u>4B31</u>	Structure (#) <input type="checkbox"/>	Questel/Orbit <input type="checkbox"/>
Date Searcher Picked Up: <u>10/20/4</u>	Bibliographic <input type="checkbox"/>	Dr. Link <input type="checkbox"/>
Date Completed: <u>10/20/4</u>	Litigation <input type="checkbox"/>	Lexis/Nexis <input type="checkbox"/>
Searcher Prep & Review Time: <u>60</u>	Fulltext <input checked="" type="checkbox"/>	Sequence Systems <input type="checkbox"/>
Clerical Prep Time: _____	Patent Family <input type="checkbox"/>	WWW/Internet <input type="checkbox"/>
Online Time: <u>255</u>	Other <input type="checkbox"/>	Other (specify) _____

File 347:JAPIO Nov 1976-2004/Jun(Updated 041004)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200466

(c) 2004 Thomson Derwent

File 348:EUROPEAN PATENTS 1978-2004/Oct W01

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041014,UT=20041007

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Set      Items      Description

S1      561      AU=(LORING S? OR ZORN W? OR SEARCY A? OR AL WAZANI I? OR JOYCE J? OR REEVES W? OR RODGERS M? OR WATERS C? OR LORING, S? OR ZORN, W? OR SEARCY, A? OR AL WAZANI, I? OR JOYCE, J? OR REEVES, W? OR RODGERS, M? OR WATERS, C?)

S2      0      S1 AND SHIP?/AB

S3      0      S1 AND PA=DELL?

File 347:JAPIO Nov 1976-2004/Jun(Updated 041004)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200466

(c) 2004 Thomson Derwent

Set	Items	Description
S1	2828874	FULFILL? OR DELIVER??? OR SHIP???? OR FREIGHT OR MAIL??? OR CARRIER? ? OR TRANSPORT? OR DISTRIBUT? OR CONSIGN? OR CONVEY? OR HAUL???
S2	70365	S1(5N)(WINDOW? ? OR TIME OR TIMING OR TIMEFRAME? ? OR PERIOD? ? OR INTERVAL? ?)
S3	5097	S2(5N)(DETERMIN? OR ESTIMAT??? OR IDENTIF? OR CALCULAT? OR ASCERTAIN? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG? OR EVALUAT? OR DISCERN? OR SELECT? OR CHOOS??? OR CHOSEN OR PICK??? OR SCHEDUL??? OR PLAN? ? OR PLANN???)
S4	1598049	MANUFACTUR??? OR SUPPLIER? ? OR VENDOR? ? OR PROVIDER? ? OR WHOLESALER? ? OR DEALER? ? OR SHIPPER? ? OR SHIPPING() (FIRM? ? OR COMPANY OR COMPANIES)
S5	341	S3 AND S4
S6	276	S5 AND (FULFILLMENT OR LOGISTIC? OR SHIPPING OR FACTORY OR FACTORIES OR MANUFACTUR?)
S7	146	S6 AND IC=G06F
S8	61515	S1(7N)(ITEM? ? OR PRODUCT? ? OR GOODS OR MERCHANDISE)
S9	75	S6 AND S8
S10	61	S7 AND S9

10/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07614369 \*\*Image available\*\*  
APPARATUS AND METHOD FOR SCHEDULING PRODUCTION AS WELL AS MANUFACTURING  
METHOD FOR PRODUCTS

PUB. NO.: 2003-108216 [JP 2003108216 A]  
PUBLISHED: April 11, 2003 (20030411)  
INVENTOR(s): KOTAKE MASAHIRO  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 2001-298305 [JP 2001298305]  
FILED: September 27, 2001 (20010927)  
INTL CLASS: G05B-019/418; G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an apparatus and method for planning production **schedules**, which keeps a **product delivery time** and equally assigns a **manufacturing** period for each product to be completed.

SOLUTION: An apparatus and method for planning production schedules sets a planning frame P shown in the figure 6, which has a time duration for the period starting from the earliest production start date to the latest production completion date, based upon data for a production start date and a **delivery** date of **products** by using a means 12 to set the time duration for the production schedule. The apparatus and method sets the time duration long enough to bundle units of a plurality of activities comprising **manufacturing** processes for the product, also sets the earliest production start date and the latest production completion date for the planning frame P by a means 14 to set the starting and ending dates, and furthermore, assigns the unit of the activities of the planning frame P by a means 15 to assign the activity.

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10/5/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07376624 \*\*Image available\*\*  
METHOD FOR SELECTING CONSIGNMENT PRODUCTION DESTINATION

PUB. NO.: 2002-245124 [JP 2002245124 A]  
PUBLISHED: August 30, 2002 (20020830)  
INVENTOR(s): SUZUKI HIDEAKI  
APPLICANT(s): HONDA MOTOR CO LTD  
APPL. NO.: 2001-039600 [JP 200139600]  
FILED: February 16, 2001 (20010216)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To prevent such inconvenience as to fail to satisfy requests of quality, a **delivery period**, etc., by objectively deciding and **selecting** a destination to which the **manufacture** of parts, etc., should be consigned.

SOLUTION: An evaluation about a process conducted about a prescribed first evaluation item group with respect to the **consignment** destination of a person in charge of ordering is inputted to decide acceptability (S10 and 12), an evaluation about quality conducted about a prescribed second evaluation item group is inputted to decide acceptability (S16 and 18), an evaluation about a quality guarantee system conducted about a prescribed third evaluation item group is inputted to decide acceptability (S20 and 22), and when all of the evaluation item groups are decided to be acceptable, a mass-production consignment destination is decided (S24).

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10/5/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07240552  
RATIONALIZATION SUPPORTING SYSTEM IN PHYSICAL DISTRIBUTION CENTER

PUB. NO.: 2002-109003 [JP 2002109003 A]  
PUBLISHED: April 12, 2002 (20020412)  
INVENTOR(s): HOSHINO TAKAHIRO  
APPLICANT(s): SOLVEX CO  
APPL. NO.: 2000-303321 [JP 2000303321]  
FILED: October 03, 2000 (20001003)  
INTL CLASS: G06F-017/60 ; B65G-001/137

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a supporting system for suppressing or dissolving the stock of an inappropriate quantity to be the waste of costs and reducing and minimizing the costs of a physical distribution center from the ordering and arrival to **shipping** and **delivery** of **merchandise** in the physical **distribution** center.

SOLUTION: In the physical distribution center, on the basis of the total costs required for the operation management, the cost per unit volume time of all merchandise storage parts in the center is calculated. A stock cost for each merchandise is obtained by multiplying with average stock time for each **merchandise** stocked in the physical **distribution** center and the volume of the storage part occupied by an average stock amount by the unit volume time cost. By simulation based on average total time required from the arrival to storage of each merchandise and the average stock **time** from the arrival to **shipping** **calculated** on the basis of the actual **shipping** result of each **merchandise**, the stock cost is minimized. Also, an ordering timing and an ordering quantity for which lead time for not generating merchandise shortage is taken into consideration are predicted and the merchandise is ordered to individual merchandise **suppliers** on the basis of the predicted values.

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10/5/10 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06649786 \*\*Image available\*\*  
DEVICE FOR MAKING PRODUCTION PLAN

PUB. NO.: 2000-235604 [JP 2000235604 A]  
PUBLISHED: August 29, 2000 (20000829)  
INVENTOR(s): ONO TAKESHI  
APPLICANT(s): SEKISUI CHEM CO LTD  
APPL. NO.: 11-037399 [JP 9937399]  
FILED: February 16, 1999 (19990216)  
INTL CLASS: G06F-017/60 ; B23Q-041/08; G05B-015/02

#### ABSTRACT

PROBLEM TO BE SOLVED: To calculate optimum quantity of production accurately reflecting the movement of goods of the market by adding sales information or the like from distributors to retail stores.

SOLUTION: This production plan making device applied to a **distribution** system where **goods** are successively **shipped** from a **manufacturer** to retail stores through one or plural **distributors** is provided with a receiving part 11 which receives **shipment** quantity information about **goods** **shipped** from one or plural **distributors** to the retail stores, a

database 12 storing the received shipment quantity information and a calculating part 13 which calculates optimum quantity of production on the basis of the shipment quantity information stored in the database 12 and a preliminarily set ordering point at the **manufacturer**. When the inventory quantity in the **manufacturer** becomes equal to or lower than the ordering point, the part 13 calculates the total of shipment quantity shipped by one or plural distributors from the point of that time until prescribed time as the optimum quantity of production. That is, since the total quantity **shipped** from the **distributors** from that **time** till the prescribed time is **calculated** on all such occasions when the inventory quantity in the **manufacturer** falls below the ordering point, it is possible to calculate the optimum quantity of production which accurately reflects the movement of goods of the market.

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10/5/11 (Item 11 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05519584 \*\*Image available\*\*  
PRODUCTION SCHEDULING SYSTEM

PUB. NO.: 09-134384 [JP 9134384 A]  
PUBLISHED: May 20, 1997 (19970520)  
INVENTOR(s): SAKAMOTO TOSHIYUKI  
APPLICANT(s): FURUKAWA ELECTRIC CO LTD THE [000529] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-293040 [JP 95293040]  
FILED: November 10, 1995 (19951110)  
INTL CLASS: [6] G06F-017/60  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a system introducing an evaluation method suitable for preparing a production plan capable of minimizing the whole delay of **delivery** dates in the case of **manufacturing** plural **products**.

SOLUTION: As to the start time Ts and end time Te of product **manufacturing**, the function values of a function  $F(t)$  to be mono-tonously increased with the lapse of time are found out. The **delivery** time delay of **products** is arealy **evaluated** as an integration value at time  $(Te - \max(T_n, Ts))$  required for the **manufacturing** the **products** after the lapse of **delivery** time  $T_n$  and the production **plan** is prepared so as to reduce the evaluation value.

10/5/27 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015365395 \*\*Image available\*\*

WPI Acc No: 2003-426333/200340

XRPX Acc No: N03-340651

Goods processing start time calculation apparatus has arithmetic unit which calculates start time for goods to be manufactured according to delivering schedule time received from user and stores in table

Patent Assignee: YONEZAWA Y (YONE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003141231	A	20030516	JP 2001339899	A	20011105	200340 B

Priority Applications (No Type Date): JP 2001339899 A 20011105

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003141231	A	12	G06F-017/60	

Abstract (Basic): JP 2003141231 A

NOVELTY - A receiving unit (201) receives order, schedule time for delivering of goods from a customer, corresponding to which the turn around time (TAT) is retrieved from a storage unit (202). An arithmetic unit (203) calculates the start time for manufacturing the goods according to the delivering schedule time and stores for the corresponding goods in a table (205).

USE - For calculating processing start time of goods manufacturing

ADVANTAGE - Since the start time for each goods to be manufactured is calculated according to delivering schedule time received from user and stores in table, the time for providing the order to the customer is highly maintained without reducing the goods quality, thus satisfying the customers need.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the goods processing start time calculation apparatus. (Drawing includes non-English language text).

receiving unit (201)

storage unit (202)

arithmetic unit (203)

table (205)

pp; 12 DwgNo 2/11

Title Terms: GOODS; PROCESS; START; TIME; CALCULATE; APPARATUS; ARITHMETIC; UNIT; CALCULATE; START; TIME; GOODS; MANUFACTURE ; ACCORD; DELIVER; SCHEDULE; TIME; RECEIVE; USER; STORAGE; TABLE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/28 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015310077 \*\*Image available\*\*

WPI Acc No: 2003-371011/200335

XRPX Acc No: N03-295887

Inventory management method for online product delivery service, involves estimating and comparing delivery schedule based on projected inventory level for current period and subsequent forecast data

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: AYALA R; MURRAY M P; VILLALOBOS M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030018516	A1	20030123	US 2001909686	A	20010720	200335 B

Priority Applications (No Type Date): US 2001909686 A 20010720

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20030018516 A1 9 G06F-017/60

Abstract (Basic): US 20030018516 A1

NOVELTY - An updated demand forecast is converted into projected forecast data and inventory level for each projected forecast data is estimated periodically. The delivery schedule is estimated based on the projected inventory level for current period and forecast data about subsequent periods. A correction procedure is carried out when the **delivery schedule** exceeds allocated **time**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for machine readable storage medium for managing inventory.

USE - For managing inventory processes related to various **products** in online **delivery** service, online **manufacturing** support service using computer network.

ADVANTAGE - Ensures maintaining supply of materials within a minimum baseline by establishing optimum inventory replenishment operation. Allows enterprises to cope up with the customer demands and capital requirements in a competitive manner by the dynamic evaluation and revision of realistic projected schedules.

DESCRIPTION OF DRAWING(S) - The figure shows a flow chart representing projected delivery days evaluation process.

pp; 9 DwgNo 2/2

Title Terms: INVENTORY; MANAGEMENT; METHOD; PRODUCT; DELIVER; SERVICE; ESTIMATE; COMPARE; DELIVER; SCHEDULE; BASED; PROJECT; INVENTORY; LEVEL; CURRENT; PERIOD; SUBSEQUENT; FORECAST; DATA

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/29 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015224042 \*\*Image available\*\*

WPI Acc No: 2003-284954/200328

XRPX Acc No: N03-226837

Product transaction system e.g. for semiconductor product, calculates product delivery -date recommendation period based on finalized schedule of transport , production and provides calculated date to customer

Patent Assignee: HITACHI LTD (HITA )

Inventor: FUNAKI K; KAWATE T; KITAMURA K; YUASA H

Number of Countries: 024 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003085346	A	20030320	JP 2001274428	A	20010911	200328 B
WO 200325812	A1	20030327	WO 2002JP3988	A	20020422	200331

Priority Applications (No Type Date): JP 2001274428 A 20010911

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2003085346 A 35 G06F-017/60

WO 200325812 A1 J G06F-017/60

Designated States (National): CN KR SG US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Abstract (Basic): JP 2003085346 A

NOVELTY - The system receives the **product** order indicating required volume of **goods** , **delivery** date, from the customer. The schedule for **transporting** , receiving raw materials, **product manufacturing** , and **delivery** of finished **product** is prepared based on ordered quantity, and **delivery** -date recommendation **period** is calculated based on the finalized schedule. The calculated

delivery-date is provided to the customer.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for product dealing system.

USE - For planning production schedule of semiconductor products.

ADVANTAGE - By providing the **product delivery** -date recommendation period to the customer, satisfaction level of the customer is increased.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram explaining the process flow in product transaction system. (Drawing includes non-English language text).

pp; 35 DwgNo 1/43

Title Terms: PRODUCT; TRANSACTION; SYSTEM; SEMICONDUCTOR; PRODUCT; CALCULATE; PRODUCT; DELIVER; DATE; PERIOD; BASED; SCHEDULE; TRANSPORT; PRODUCE; CALCULATE; DATE; CUSTOMER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G05B-019/418

File Segment: EPI

10/5/30 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014968474 \*\*Image available\*\*

WPI Acc No: 2003-028988/200302

XRPX Acc No: N03-022826

Online order placement and reception process method for architectural material transaction, involves performing delivery management based on new estimated data stored as order placement data

Patent Assignee: SUMIKEN SANGYO CO LTD (SUMI-N); JUKEN SANGYO KK (JUKE-N); SUMIKEN SANGYO KK (SUMI-N); KANBARA T (KANB-I); MUNEISHI T (MUNE-I); NAKAMOTO Y (NAKA-I); TERAOKA T (TERA-I)

Inventor: KANBARA T; MUNEISHI T; NAKAMOTO Y; TERAOKA T

Number of Countries: 030 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020128930	A1	20020912	US 200295261	A	20020311	200302 B
EP 1249780	A2	20021016	EP 20025471	A	20020309	200302
JP 2002269400	A	20020920	JP 200168441	A	20010312	200302
KR 2002072787	A	20020918	KR 200212833	A	20020311	200311
CN 1375793	A	20021023	CN 2002107000	A	20020311	200313
JP 2004145902	A	20040520	JP 200168441	A	20010312	200434
			JP 20045888	A	20040113	

Priority Applications (No Type Date): JP 200168441 A 20010312; JP 20045888 A 20040113

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020128930 A1 21 G06F-017/60

EP 1249780 A2 E G06F-017/60

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2002269400 A 16 G06F-017/60

KR 2002072787 A G06F-017/60

CN 1375793 A G06F-017/60

JP 2004145902 A 11 G06F-017/60 Div ex application JP 200168441

Abstract (Basic): US 20020128930 A1

NOVELTY - A new estimation data is created based on stored stocked-product data and estimation data of parties relating to relevant **product distribution** channel. The new data is transmitted to a host computer and stored in a database as an order placement data. The delivery management is performed based on the order placement data.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for online order placement and reception processing system.

USE - For processing online order placement and reception regarding transactions conducted between architectural material **manufacturers** and customers.

**ADVANTAGE** - Enables the customer to complete the estimation data through a simple operation of inputting necessary items in preset sequence and to place an order immediately. Enables customers to obtain accurate information and create estimation data quickly, since delivery data and estimated price are sent to customers' terminal in real-time. Improves the efficiency and quality of service, since the customer is not needed to wait for a long time period before obtaining delivery date and estimated price.

**DESCRIPTION OF DRAWING(S)** - The figure shows a basic configuration of online order placement and reception processing system.

pp; 21 DwgNo 1/13

Title Terms: ORDER; PLACE; RECEPTION; PROCESS; METHOD; ARCHITECTURE; MATERIAL; TRANSACTION; PERFORMANCE; DELIVER; MANAGEMENT; BASED; NEW; ESTIMATE; DATA; STORAGE; ORDER; PLACE; DATA

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/31 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014911483 \*\*Image available\*\*

WPI Acc No: 2002-732189/200279

XRPX Acc No: N02-577338

Goods transportation method using truck, involves determining pick-up time of raw materials from suppliers based on shipment time of materials from suppliers to production plant and delivery time range specified by plant

Patent Assignee: FORD MOTOR CO (FORD )

Inventor: DEMAGGIO J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020138352	A1	20020926	US 2001278103	A	20010323	200279 B
			US 2001278205	A	20010323	
			US 2001278206	A	20010323	
			US 2001278207	A	20010323	
			US 2001278209	A	20010323	
			US 200263123	A	20020322	

Priority Applications (No Type Date): US 200263123 A 20020322; US 2001278103 P 20010323; US 2001278205 P 20010323; US 2001278206 P 20010323 ; US 2001278207 P 20010323; US 2001278209 P 20010323

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020138352	A1	19	G06G-001/14	Provisional application US 2001278103
				Provisional application US 2001278205
				Provisional application US 2001278206
				Provisional application US 2001278207
				Provisional application US 2001278209

Abstract (Basic): US 20020138352 A1

**NOVELTY** - The shipment of transportation time of raw material from suppliers (102a-102e) to a cross dock (106) and from the cross dock to a production plant are estimated. The pick-up time of raw materials from the suppliers are determined by subtracting the respective shipment time from a goods delivery time range specified by the plant .

**DETAILED DESCRIPTION** - INDEPENDENT CLAIMS are included for the following:

- (1) Goods transportation schedule determining system;
- (2) Goods shipment method; and
- (3) Goods shipment system.

(4) A system with stored software implementing the method.

**USE** - For transportation of raw materials between supplier and

production plants using a truck for manufacturing of goods such as vehicles, etc.

ADVANTAGE - Goods shipping cost and inventory cost associated with the plants are reduced by determining in advance the pick-up time and shipping time of goods from the suppliers.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the transportational logistics system.

Suppliers (102a-102e)

Cross dock (106)

pp; 19 DwgNo 2/9

Title Terms: GOODS; TRANSPORT; METHOD; TRUCK; DETERMINE; PICK; UP; TIME; RAW; MATERIAL; SUPPLY; BASED; SHIPPING; TIME; MATERIAL; SUPPLY; PRODUCE; PLANT; DELIVER; TIME; RANGE; SPECIFIED; PLANT

Derwent Class: T01

International Patent Class (Main): G06G-001/14

International Patent Class (Additional): G06F-017/60

File Segment: EPI

10/5/34 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014534576 \*\*Image available\*\*

WPI Acc No: 2002-355279/200239

XRPX Acc No: N02-279267

Object flow optimization method involves calculating definite date of arrival of goods with longest schedule delivery period when no goods exceed standard delivery period

Patent Assignee: CATALOGUE CITY JAPAN KK (CATA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002007905	A	20020111	JP 2000182022	A	20000616	200239 B

Priority Applications (No Type Date): JP 2000182022 A 20000616

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002007905	A	11	G06F-017/60	

Abstract (Basic): JP 2002007905 A

NOVELTY - The standard goods delivery period is extracted by a server (10) and output to a consumer information terminal (30). A manufacturer information terminal (20) calculates period for delivery and collection of cargo. When no goods exceed the standard delivery period, the definite date of arrival of the goods with longest schedule delivery period is calculated and indicated to the consumer information terminal.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for object flow optimization device.

USE - For optimizing the flow of both domestic and foreign goods, with respect to goods delivery date.

ADVANTAGE - Consumer is able to know goods delivery date correctly and easily.

DESCRIPTION OF DRAWING(S) - The figure shows the basic composition diagram of the object flow optimization device. (Drawing includes non-English language text).

Server (10)

Manufacturer information terminal (20)

Consumer information terminal (30)

pp; 11 DwgNo 1/3

Title Terms: OBJECT; FLOW; OPTIMUM; METHOD; CALCULATE; DEFINITE; DATE; ARRIVE; GOODS; LONG; SCHEDULE; DELIVER; PERIOD; NO; GOODS; STANDARD; DELIVER; PERIOD

Derwent Class: Q35; T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): B65G-001/137

File Segment: EPI; EngPI

10/5/36 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014362161 \*\*Image available\*\*  
WPI Acc No: 2002-182862/200224  
XRPX Acc No: N02-139048

Production management device determines delay in schedule for each internal process with respect to expected delivery date and operation period for each internal process

Patent Assignee: SANYO TOKUSHU SEIKO KK (SANY-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002014713	A	20020118	JP 2000194242	A	20000628	200224 B

Priority Applications (No Type Date): JP 2000194242 A 20000628

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002014713	A	11	G05B-019/418	

Abstract (Basic): JP 2002014713 A

NOVELTY - A determination unit determines the total number of days, schedule time required for manufacturing a product and expected delivery date using prestored log information. The delay in the schedule for each internal process, is determined with respect to the expected delivery date and operation period is determined for each internal process, based on which production management is performed.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Production control system;
- (b) Production management method

USE - For production management of products.

ADVANTAGE - The product ordered by the customers are delivered accurately using the production management device.

DESCRIPTION OF DRAWING(S) - The figure shows the relationship between reference days, operation period and delay in schedule.

(Drawing includes non-English language text).

pp; 11 DwgNo 4/5

Title Terms: PRODUCE; MANAGEMENT; DEVICE; DETERMINE; DELAY; SCHEDULE; INTERNAL; PROCESS; RESPECT; DELIVER; DATE; OPERATE; PERIOD; INTERNAL; PROCESS

Derwent Class: T01

International Patent Class (Main): G05B-019/418

International Patent Class (Additional): G06F-017/60

File Segment: EPI

10/5/37 (Item 21 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014307263 \*\*Image available\*\*  
WPI Acc No: 2002-127966/200217  
XRPX Acc No: N02-096391

Production plan generation system selects production planning candidate with the best evaluation value, which is calculated using stored product manufacturing time and delivery delay time

Patent Assignee: KOBE STEEL LTD (KOBM )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001356811	A	20011226	JP 2000176882	A	20000613	200217 B

Priority Applications (No Type Date): JP 2000176882 A 20000613

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001356811 A 10 G05B-019/418

Abstract (Basic): JP 2001356811 A

NOVELTY - A memory (15) stores utilization schedule data, manufacturing time and planned manufacturing time for each intermediate product. A production unit (12) generates several production planning candidates. An evaluation unit (13) calculates evaluation values for all candidates, using the stored data and delivery delay time. The candidate with the best evaluation value is selected by a selection unit (14).

USE - For generating production plan for manufacturing different products in factory.

ADVANTAGE - The production planning candidate's evaluation value is easily calculated. Hence the production plan is easily generated.

DESCRIPTION OF DRAWING(S) - The figure shows an explanatory diagram of the production plan generation system,.(Drawing includes non-English language text).

Production unit (12)  
Evaluation unit (13)  
Selection unit (14)  
Memory (15)

pp; 10 DwgNo 2/28

Title Terms: PRODUCE; PLAN; GENERATE; SYSTEM; SELECT; PRODUCE; PLAN; CANDIDATE; EVALUATE; VALUE; CALCULATE; STORAGE; PRODUCT; MANUFACTURE ; TIME; DELIVER; DELAY; TIME

Derwent Class: T01; T06

International Patent Class (Main): G05B-019/418

International Patent Class (Additional): G06F-017/60

File Segment: EPI

10/5/38 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014298742 \*\*Image available\*\*

WPI Acc No: 2002-119445/200216

XRPX Acc No: N02-089712

Sales production delivery system for steel plate and strip products used in motor vehicle, selects manufacturing start process based on manufacturing order and calculated reference day information

Patent Assignee: KAWASAKI STEEL CORP (KAWI )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001356809	A	20011226	JP 2000176053	A	20000612	200216 B

Priority Applications (No Type Date): JP 2000176053 A 20000612

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001356809 A 16 G05B-019/418

Abstract (Basic): JP 2001356809 A

NOVELTY - A calculating unit (421) computes a defective production estimate day based on the purchase order, delivery schedule and inventory information stored in databases (411-413), based on which a calculator (422) computes the reference days for delivery- manufacture completion, manufacture process-start. A lot collection unit (431) collects manufacture order and reference day information and outputs to a manufacture start process selector (433).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for sales production delivery method.

USE - For production of steel plate and steel strip products used in motor vehicle.

ADVANTAGE - The appropriate manufacture start stage is selected and delivery time for the manufactured product is easily

calculated.

DESCRIPTION OF DRAWING(S) - The figure shows an internal block diagram of the selling production delivery system. (Drawing includes non-English language text).

Databases (411-413)

Calculating unit (421)

Calculator (422)

Lot collection unit (431)

Selector (433)

pp; 16 DwgNo 2/18

Title Terms: SALE; PRODUCE; DELIVER; SYSTEM; STEEL; PLATE; STRIP; PRODUCT; MOTOR; VEHICLE; SELECT; **MANUFACTURE**; START; PROCESS; BASED; **MANUFACTURE**; ORDER; CALCULATE; REFERENCE; DAY; INFORMATION

Derwent Class: T01; T06

International Patent Class (Main): G05B-019/418

International Patent Class (Additional): G06F-017/10 ; G06F-017/60

File Segment: EPI

10/5/39 (Item 23 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014281599 \*\*Image available\*\*

WPI Acc No: 2002-102300/200214

XRPX Acc No: N02-076103

Good selling method in internet, involves determining delivery time for each user selected goods and presenting maximum delivery time as batch delivery time to user.

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001344443	A	20011214	JP 2000166317	A	20000602	200214 B

Priority Applications (No Type Date): JP 2000166317 A 20000602

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001344443	A	15	G06F-017/60	

Abstract (Basic): JP 2001344443 A

NOVELTY - Goods information is presented to an user through a homepage established by a manufacturer . The delivery time for each goods selected by the user, is determined at the manufacturer terminal (12), and the maximum delivery time is presented to user as batch delivery time. The goods are delivered to user, when order is received from user.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Data processing method;

(b) Manufacturer 's terminal equipment;

(c) Recorded medium storing goods selling program

USE - For selling goods through internet.

ADVANTAGE - By presenting the delivery time to user, the user is confirmed with the delivery time of goods .

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of goods selling system. (Drawing includes non-English language text).

Manufacturer terminal (12)

pp; 15 DwgNo 1/9

Title Terms: SELL; METHOD; DETERMINE; DELIVER; TIME; USER; SELECT; GOODS; PRESENT; MAXIMUM; DELIVER; TIME; BATCH; DELIVER; TIME; USER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/40 (Item 24 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014276615 \*\*Image available\*\*

WPI Acc No: 2002-097317/200213

XRPX Acc No: N02-071938

**Product orders/requests processing method for e-commerce by determining fulfillment centers where product order/request may be shipped to user**

Patent Assignee: SAMEDAY.COM INC (SAME-N)

Inventor: KRAININ A; KUMMER H; WEST K

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200175746	A2	20011011	WO 2001US11099	A	20010404	200213 B
AU 200151343	A	20011015	AU 200151343	A	20010404	200214

Priority Applications (No Type Date): US 2000651803 A 20000830; US 2000194575 P 20000404

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200175746	A2	E	59 G06F-017/60	

Designated States (National): AE AG AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200151343 A G06F-017/60 Based on patent WO 200175746

Abstract (Basic): WO 200175746 A2

**NOVELTY** - Product orders/requests are generated by computer network user (104) nodes and are directed to sites of product **vendors** (102), Transaction data is collected at a processing center. The data relates to each product orders/requests and specifies respective network user nodes and the product **vendor** network sites. Pick order information is provided in real time to determine fulfillment center locations and **delivery - carriers** for product delivery .

**DETAILED DESCRIPTION** - INDEPENDENT claims are also included for a computer system, a computer software product stored on a computer readable medium.

USE - For e-commerce.

ADVANTAGE - It provides real time product availability information to support a desired product promised **delivery** schedule for multiple retailers within an integrated system i.e. Internet.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram representation of order purchase and **fulfillment** system.

**Vendors** (102)

Network User (104)

pp; 59 DwgNo 1/7

Title Terms: PRODUCT; ORDER; REQUEST; PROCESS; METHOD; DETERMINE; PRODUCT; ORDER; REQUEST; SHIPPING ; USER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/49 (Item 33 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012755138 \*\*Image available\*\*

WPI Acc No: 1999-561255/199947

Related WPI Acc No: 1998-520700; 2000-194927; 2001-564538

XRPX Acc No: N99-414710

**Ontime delivery tracking and reporting system for maintaining customer order and delivery information**

Patent Assignee: MICRON TECHNOLOGY INC (MICR-N)

Inventor: GIVENS G M; KUTTLER J D; MARTIN D J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5960408	A	19990928	US 94278183	A	19940721	199947 B
			US 97794155	A	19970203	
			US 98137651	A	19980820	

Priority Applications (No Type Date): US 94278183 A 19940721; US 97794155 A 19970203; US 98137651 A 19980820

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5960408	A	8	G06F-017/60	Cont of application US 94278183
				Cont of application US 97794155
				Cont of patent US 5809479

Abstract (Basic): US 5960408 A

NOVELTY - Customer-preferred ship date for order entry is calculated and routed to a human order scheduler for assigning a targeted **shipping** date. Computer is programmed to **calculate** a targeted **ship date window** and ontine **product delivery** statistics for individual customers are generated.

DETAILED DESCRIPTION - A customer preference database (12) consists of delivery and reporting preferences for individual customers whose order entries are created and stored in a sales order database (20). The delivery and reporting preferences contained within database (12) includes preferred early and late delivery limits, performance measurement species, ship or dock dates as delivery date, partial shipment allowed flags for respective customers, calender holidays for each customer etc. The targeted **ship date window** is **calculated** from targeted **ship date** and customer's preferred early and late delivery limits. The targeted ship date window is obtained by subtracting and adding respectively. The early and late delivery limits from the targeted ship date. An INDEPENDENT CLAIM is also included for the method of setting and reporting **product delivery** dates.

USE - For maintaining customer order and delivery information in high-volume supply businesses.

ADVANTAGE - Helps supplies to set targeted delivery dates and goals within each customer's expectation. Allows the **supplier** to take advantage of customer's delivery windows. **Supplier** performance is increased by providing a higher percentage of ontine deliveries.

DESCRIPTION OF DRAWING(S) - The figure shows the system diagram for ontine delivery tracking and reporting system.

Customer preference database (12)

Sales order database (20)

pp; 8 DwgNo 1/1

Title Terms: DELIVER; TRACK; REPORT; SYSTEM; MAINTAIN; CUSTOMER; ORDER; DELIVER; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/52 (Item 36 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012103788    \*\*Image available\*\*  
WPI Acc No: 1998-520700/199844  
Related WPI Acc No: 1999-561255; 2000-194927; 2001-564538  
XRPX Acc No: N98-406712

**Computer based product delivery data reporting method - involves calculating expected delivery date by adding anticipated shipping delay, customer's desired advance delivery time, to target ship date and taking customer preferences into consideration**

Patent Assignee: MICRON TECHNOLOGY INC (MICR-N)

Inventor: GIVENS G M; KUTTLER J D; MARTIN D J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5809479	A	19980915	US 94278183	A	19940721	199844 B
			US 97794155	A	19970203	

Priority Applications (No Type Date): US 94278183 A 19940721; US 97794155 A 19970203

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5809479	A	10	G06F-015/00	Cont of application US 94278183

Abstract (Basic): US 5809479 A

The method involves maintaining a customer preference database which includes information pertaining to delivery and reporting preferences. The reporting preferences includes early and late delivery limits. The ship flags of delivery and reporting preferences for individual customers are specified to indicate whether customers consider **delivery** dates for **products** to be **ship** dates or dock dates.

The desired advance delivery times in the delivery and reporting preferences are also specified. A customer order entry which includes customer requested delivery date is created. Based on the customer requested delivery date and customer preference, a customer preferred ship date for the customer entry is calculated. The calculated ship date is shown to an order schedule, based on which a target ship date is obtained. The customer expected delivery date is calculated by adding data representing anticipated **shipping** delay to the target ship date. During calculation, the data from the customer preference data base are taken into consideration. The customer's desired advanced delivery time is also added to the target date. Thereby, on-time **product delivery** statistics is generated for individual customers. Based on the data in the customer preference database, it is determined whether a particular **product delivery** is on **time**.

ADVANTAGE - Helps **supplier** to perform to customer's expectations. Allows **supplier** to take advantage of customer's delivery windows. Allows **supplier** to provide higher percentage of on-time deliveries.

Dwg.1/1

Title Terms: COMPUTER; BASED; PRODUCT; DELIVER; DATA; REPORT; METHOD; CALCULATE; DELIVER; DATA; ADD; ANTICIPATE; SHIPPING ; DELAY; CUSTOMER; ADVANCE; DELIVER; TIME; TARGET; SHIP; DATE; CUSTOMER

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

10/5/54    (Item 38 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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011837952    \*\*Image available\*\*  
WPI Acc No: 1998-254862/199823

XRPX Acc No: N98-201352

**Production plan generating apparatus - has shipment time decision circuit that determined shipment time of each product considering number of varieties of products , based on shipment conditions**

Patent Assignee: TOYOTA JIDOSHA KK (TOYT )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10080842	A	19980331	JP 96235605	A	19960905	199823 B
JP 3419216	B2	20030623	JP 96235605	A	19960905	200341

Priority Applications (No Type Date): JP 96235605 A 19960905

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10080842	A	29		B23Q-041/08	
JP 3419216	B2	27		G05B-019/418	Previous Publ. patent JP 10080842

Abstract (Basic): JP 10080842 A

The apparatus has a **shipment time** decision circuit that **determines** the **shipment time** of each **product** considering the number of varieties of the **products**, based on the **shipment** conditions. Based on the decided shipment time and the production lead time of each product, the time in which the products are **manufactured** is decided by a mechanism time decision circuit.

USE - For generating production plan containing details on purchase of materials, **manufacture** of **product** and **shipment** of **product**.

ADVANTAGE - Ensures that **products** can be **manufactured** and **shipped** on time. Improves accuracy of production management and obtains high production efficiency. Simplifies **product** management in each stage e.g. **shipment**, usage and stocking since programs relating to each process can be produced.

Dwg.1/37

Title Terms: PRODUCE; PLAN; GENERATE; APPARATUS; **SHIPPING**; TIME; DECIDE; CIRCUIT; DETERMINE; **SHIPPING**; TIME; PRODUCT; NUMBER; VARIETY; PRODUCT; BASED; **SHIPPING**; CONDITION

Derwent Class: P56; Q22; T01; T06

International Patent Class (Main): B23Q-041/08; G05B-019/418

International Patent Class (Additional): B62D-065/00; G05B-015/02; G06F-017/60

File Segment: EPI; EngPI

10/5/56 (Item 40 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011352131 \*\*Image available\*\*

WPI Acc No: 1997-330037/199730

XRPX Acc No: N97-273808

Production scheduling system e.g. for manufacturing metal die, products etc. - evaluates time of delay in delivery of product and obtains production scheme such that evaluation value is small

Patent Assignee: FURUKAWA ELECTRIC CO LTD (FURU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9134384	A	19970520	JP 95293040	A	19951110	199730 B

Priority Applications (No Type Date): JP 95293040 A 19951110

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9134384	A	10		G06F-017/60	

Abstract (Basic): JP 9134384 A

The production scheduling system relates to the **manufacturing** starting time ( $T_s$ ) and the **manufacturing** end time ( $T_e$ ) of a product. The corresponding function values ( $F_s$ ,  $F_e$ ) are calculated according to the function  $F(t)$ , which increases linearly.

The **time** of delay in the **delivery** of the **product** is evaluated as an integral value between the intervals  $T_e$  and  $\max(T_n, T_s)$  in **manufacturing** area of **product**, after passage of the **delivery** time ( $T_n$ ). Then a production scheme is produced such that the evaluation value is small.

ADVANTAGE - Results in accurate operation. Minimises delay in

delivery of product . Optimises production schedule.

Dwg.3/5

Title Terms: PRODUCE; SCHEDULE; SYSTEM; MANUFACTURE ; METAL; DIE; PRODUCT; EVALUATE; TIME; DELAY; DELIVER; PRODUCT; OBTAIN; PRODUCE; SCHEME; EVALUATE; VALUE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/60 (Item 44 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010426593 \*\*Image available\*\*

WPI Acc No: 1995-327913/199542

XRPX Acc No: N95-246796

Logistic planning optimising system for OLPT - uses dynamic programming model to determine stock and non-stock order/ shipment solution for selected item and customer

Patent Assignee: US WEST ADVANCED TECHNOLOGIES INC (USWA-N)

Inventor: COX L A; LU L; QIU Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5450317	A	19950912	US 93158128	A	19931124	199542 B

Priority Applications (No Type Date): US 93158128 A 19931124

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5450317	A	16	G06F-015/20	

Abstract (Basic): US 5450317 A

The system includes item, customer, supplier and routing information databases. A demand forecaster (12) is used to access the customer and supplier databases, to determine warehouse and customer demand forecasts, for selected items , customers and intervals . A transportation forecaster (14) is used to access the routing and customer databases to determine and optimize routing modes for selected items, customers and suppliers .

A data processor is responsive to the demand and transportation forecasters. It determines stock and non-stock order shipment solutions, for the selected items and customers, including optimized suppliers , routing selection, order timing and quantity.

ADVANTAGE - Recommends optimal order quantity and timing, choice of vendor and storage location, and transportation mode for both individual item or product families. Can be easily interfaced with PDSS, AMMS, or INT-RLOG. Provides stock and non-stock order/ shipment solutions for selected items and customers.

Dwg.2/4

Title Terms: LOGISTIC ; PLAN; OPTIMUM; SYSTEM; DYNAMIC; PROGRAM; MODEL; DETERMINE; STOCK; NON; STOCK; ORDER; SHIPPING ; SOLUTION; SELECT; ITEM; CUSTOMER

Index Terms/Additional Words: LOGISTIC \_PLAN OP TIMUM SY ; PLAN; OPTIMUM ; SYSTEM; DYNAMIC; PROGRAM; MODEL; DETERMINE; STOCK; NON; STOCK; ORDER; SHIPPING ; SOLUTION; SELECT; ITEM; CUSTOMER OPTIMISED; LOGISTIC ; PLANNING

Derwent Class: T01

International Patent Class (Main): G06F-015/20

International Patent Class (Additional): G06G-007/418

File Segment: EPI

File 275:Gale Group Computer DB(TM) 1983-2004/Oct 20  
(c) 2004 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2004/Oct 20  
(c) 2004 The Gale group  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Oct 18  
(c) 2004 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2004/Oct 20  
(c) 2004 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2004/Oct 20  
(c) 2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2004/Oct 15  
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File 553:Wilson Bus. Abs. FullText 1982-2004/Aug  
(c) 2004 The HW Wilson Co  
File 88:Gale Group Business A.R.T.S. 1976-2004/Oct 18  
(c) 2004 The Gale Group  
File 15:ABI/Inform(R) 1971-2004/Oct 20  
(c) 2004 ProQuest Info&Learning  
File 635:Business Dateline(R) 1985-2004/Oct 20  
(c) 2004 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2004/Oct 19  
(c) 2004 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 647:cmp Computer Fulltext 1988-2004/Oct W2  
(c) 2004 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2004/Sep W1  
(c) 2004 IDG Communications  
File 696:DIALOG Telecom. Newsletters 1995-2004/Oct 19  
(c) 2004 The Dialog Corp.  
File 369:New Scientist 1994-2004/Oct W2  
(c) 2004 Reed Business Information Ltd.  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 634:San Jose Mercury Jun 1985-2004/Oct 19  
(c) 2004 San Jose Mercury News  
File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS  
File 613:PR Newswire 1999-2004/Oct 19  
(c) 2004 PR Newswire Association Inc  
File 610:Business Wire 1999-2004/Oct 18  
(c) 2004 Business Wire.

Set	Items	Description
S1	18548646	FULFILL? OR DELIVER??? OR SHIP???? OR FREIGHT OR MAIL??? OR CARRIER? ? OR TRANSPORT? OR DISTRIBUT? OR CONSIGN? OR CONVEY? OR HAUL???
S2	832843	S1(5N) (WINDOW? ? OR TIME OR TIMING OR TIMEFRAME? ? OR PERIOD? ? OR INTERVAL? ?)
S3	55882	S2(5N) (DETERMIN? OR ESTIMAT??? OR IDENTIF? OR CALCULAT? OR ASCERTAIN? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG? OR EVALUAT? OR DISCERN? OR SELECT? OR CHOOS??? OR CHOSEN OR PICK??? OR SCHEDUL??? OR PLAN? ? OR PLANN???)
S4	18796384	MANUFACTUR??? OR SUPPLIER? ? OR VENDOR? ? OR PROVIDER? ? OR WHOLESALER? ? OR DEALER? ? OR SHIPPER? ? OR SHIPPING() (FIRM? ? OR COMPANY OR COMPANIES)
S5	2515360	S1(7N) (ITEM? ? OR PRODUCT? ? OR GOODS OR MERCHANDISE)
S6	1354	S3(30N)S4(30N)S5(30N) (FULFILLMENT OR LOGISTIC? OR SHIPPING OR FACTORY OR FACTORIES OR SUPPLY()CHAIN? ?)
S7	230054	S1(3N) (WINDOW? ? OR TIMES OR TIME()FRAME? ? OR TIMEFRAME? ? OR PERIOD? ? OR INTERVAL? ?)
S8	7564	S7(5N) (DETERMIN? OR ESTIMAT??? OR IDENTIF? OR CALCULAT? OR

ASCERTAIN? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR  
GAUG? OR EVALUAT? OR DISCERN? OR SELECT? OR CHOOS??? OR CHOSEN  
OR PICK???)  
S9 108 S8(25N)S4(25N)S5(25N)(FULFILLMENT OR LOGISTIC? OR SHIPPING  
OR FACTORY OR FACTORIES OR SUPPLY()CHAIN? ?)  
S10 66 RD (unique items)

10/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02479317 SUPPLIER NUMBER: 70934738 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Enabling the Supply Chain with the Internet. (Industry Trend or Event)**  
HARRIS, BRYAN D.  
Electronic News (1991), 47, 9, 54  
Feb 26, 2001  
ISSN: 1061-6624 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1543 LINE COUNT: 00130

... occurs, information is fed to the OEM, who interfaces with the parts **suppliers**, who in turn must order raw materials. Needless to say, the more...

...work collaboratively across the Internet to determine details such as parts availability, **shipping** dates, **product** options, order confirmation, pricing, etc. By collaborating over the Internet, **manufacturers**, OEMs, distribution houses, logistics **providers** and retailers can make timely decisions as to when to schedule production...

...who will be the contact for any post-delivery requirements.

#### Managing Delivery

**Logistics** is yet another critical function where the Internet is playing an increasing...

...offerings that can be managed in-house or contracted to third-party **logistics** specialists who provide customers, **suppliers** and **manufacturers** with the ability to track purchases, identify sources and destinations and **determine** expected **delivery times** online, in real-time.

Having an efficient **logistics** mechanism in place that interconnects all parties via the Web ensures prompt...

...in the event of delays.

This functionality can further extend to allow **manufacturers** and OEMs to optimize delivery resources by consolidating **shipping** functions, forecasting delivery schedules according to peak demand or using other options...

10/3,K/2 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02241567 SUPPLIER NUMBER: 20763352 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**NOVATEL SHIPS CE-BASED HANDHELD PC WITH WIRELESS MODEM.**  
Computergram International, n113, pCGN06080009  
June 8, 1998  
ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 150 LINE COUNT: 00016

#### TEXT:

Novatel Wireless Inc, a San Diego-based **provider** of wireless communications and mobile **computing products**, says it is now **shipping** the first **Windows** CE 2.0 handheld computer with a fully integrated wireless modem. The...

10/3,K/3 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01498645 SUPPLIER NUMBER: 11771720 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Return to vendor: the right way to make mail-order returns. (procedural steps to be followed when returning goods to a vendor) (Strategies, includes related articles on reasons for returning mail-order purchases,**

how microcomputer orders are processed, how to minimize problems and the  
resale of returned computers) (Tutorial)  
Grotta, Daniel  
PC Sources, v3, n2, p228(8)  
Feb, 1992  
DOCUMENT TYPE: Tutorial ISSN: 1052-6579 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 5738 LINE COUNT: 00433

... those, 90 percent are for reasons other than technical problems.  
In the **shipping** department, everything is checked again to make  
certain all items are included...

...sealed, an address label is affixed, and everything is set aside for  
**pickup** from the right **delivery** service. Most **times**, everything you  
order will be included, but it's always possible that your **vendor** is out  
of a particular item, which must then be placed on back order.

Incidentally, some **mail**-order firms don't **ship** all **items** from  
their own warehouses, but directly from the **manufacturer** or distributor.  
Such remote **shipping** explains how you can buy a **product** from a  
California company, and see that the **shipping** label indicates it was sent  
from Minnesota or New Jersey.

Protect Yourself...

10/3,K/4 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01417772 SUPPLIER NUMBER: 09380046 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Getting help after you buy. (evaluation of support service for Intel  
80386-based computers)  
PC Sources, v2, n2, p409(1)  
Feb, 1991  
ISSN: 1052-6579 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 721 LINE COUNT: 00053

... the service through TRW).

If you ever need a party from the **factory** during the warranty  
**period**, the **shipping** cost is **picked** up by the **manufacturer**. However,  
the same is not true when sending the defective part back. Only CompuAdd,  
Eltech, FastMicro, Iverson, and Micro Express pay for **shipping** back  
defective **products**. The rest require you to pick up the **shipping**  
charges.

The 16 companies evaluated offer toll-free technical support--indeed,  
technical...

10/3,K/5 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

06091596 SUPPLIER NUMBER: 75091033 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
delivering the goods. (electronic commerce and inventory management)  
AGUIRRE, HOLLY  
Black Enterprise, 31, 11, 249  
June, 2001  
ISSN: 0006-4165 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2580 LINE COUNT: 00208

... Service ([www.usps.gov](http://www.usps.gov)), as well as one of the four big **shipping**  
**companies** (FedEx, UPS, DHL, or Airborne Express).  
FedEx Ship Manager API ([www.fedex.com](http://www.fedex.com))...

...placing an order, customers can simply visit your site to check the  
**shipping** status of their order using your reference or order number.  
DHL Connect...

...manager and is a good choice if you are going to be shipping products overseas. The software can directly email a customer; but it's up...

...com) works much like DHL's, but it's for U.S. shippers only. Also Windows based, Airborne Express will estimate shipping charges, determine delivery times, and schedule pickups; however, it does not integrate directly with your e-mail application. Again...

10/3,K/6 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

04287687 SUPPLIER NUMBER: 17244460 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**More trials, tribulations for Win 95: as DOJ looms, Microsoft ships the final beta. (Department of Justice)**

Foley, Mary Jo

PC Week, v12, n27, p1(2)

July 10, 1995

ISSN: 0740-1604 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 642 LINE COUNT: 00059

... Microsoft's own Windows 95 applets, and was incompatible with several major vendors' PCs (see chart).

Microsoft officials are calculating that if they ship Windows 95 with MSN before the Justice Department can take legal action, there...

...Microsoft would be required to pull the MSN access code from the product --even after it starts shipping. A U.S. District Court hearing is currently slated for the week...

10/3,K/7 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

03216331 Supplier Number: 88268743 (USE FORMAT 7 FOR FULLTEXT)  
**Con-Way Logistics Establishes Strategic Partnership With Badger Fire Protection; Company to Manage National Warehousing and Order Fulfillment.**

PR Newswire, pDEW02303072002

July 3, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 463

... fulfillment. Badger will now utilize CLI's entire national warehouse network of logistics centers to provide its customers with faster order delivery and Badger with...

...for Badger, said the company sought new solutions for delivery and order fulfillment from the company's manufacturing plant in Charlottesville, VA. The one-year pilot program enabled the company to ship its products to Con-Way logistics centers in key regional markets. Utilizing CLI's Six Sigma operating process, best practice methodologies were identified and applied to reduce distribution costs, cycle times and streamline replenishment programs. More importantly, Badger was able to establish precise measurements of its distribution costs and allocate supply chain resources in the most cost efficient manner.

According to Mike Bare, vice president and general manager of Con-Way Logistics, Con-Way will offer Badger access to a wide range of supply - chain management services, including warehousing, web enabled real-time inventory control, order visibility tools, delivery, labeling, fulfillment, and consolidation.

Con-Way Logistics is an operating unit of Con-Way Transportation Services, Inc., a \$2...

10/3,K/8 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

03186121 Supplier Number: 86467015 (USE FORMAT 7 FOR FULLTEXT)

**Syspro Group Adds Shipping System Module to IMPACT Encore.**

Business Wire, p0118

May 30, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1248

... MESA, Calif.--(BUSINESS WIRE)--May 30, 2002

The Syspro Group, a leading provider of enterprise/supply chain software, has announced the addition of a new Shipping System module to its IMPACT Encore(TM) ERP software.

The number of...

...solution totals more than 40, enabling companies the widest latitude in tailoring supply chain solutions specific to their needs. The new shipping system helps a company to maximize the efficiency of its shipping operations and enhance customer service through accurate freight calculations, precise shipment tracking and on-time deliveries.

The IMPACT Encore Shipping System automates the entire shipping process, from the packing of items, to carrier selection, to transit times. The system menu is divided into key components that guide users in setting up a shipment. The Setup component provides options for carriers, shipping zones, rates and defaults.

The Processing component details various packing choices, carrier...

10/3,K/9 (Item 3 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01399343 Supplier Number: 46500712 (USE FORMAT 7 FOR FULLTEXT)

**MICROSOFT AND NET LOGISTICS ANNOUNCE ALLIANCE TO DELIVER WORLDWIDE INTERNET SHIPPING-LOGISTICS APPLICATION**

PR Newswire, p628SFF004

June 28, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 873

... EDI) communications channel, based on intranet-to-Internet-to-intranet links. Net Logistics will provide access to WWShipment by distributing at no charge a software...

...Microsoft(R) Internet Explorer browser and Microsoft Internet Information Server to all shipping service providers and their customers participating in the Net Logistics program. Users can simply click the WWShipment icon and immediately define and post a basic shipping movement: point A to point B, pickup and delivery times, FOB, and weight and cube. Service providers can view and download these posted shipments and bid on the proposed shipping movements. Such automated electronic screening gives customers and shippers alike the opportunity to generate new transportation business over the Internet.

With Microsoft's upcoming products, both shipping service providers and their manufacturing and retail customers can effectively exchange data between their many legacy systems...

10/3,K/10 (Item 4 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2004 The Gale Group. All rts. reserv.

01353245 Supplier Number: 46182723 (USE FORMAT 7 FOR FULLTEXT)

V-V-V-R-OOOOOOOOOMMM!!!!

PR Newswire, p0229ATTH005

Feb 29, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 543

... brake pads and oil filters more effectively," said Chadwick. "We also expect Supply Chain Planning to help optimize our pricing strategies."

Chadwick is adopting the client/server version of Supply Chain Planning to "get more power into the hands of users" and to...

...network traffic. Planning analysts are located about five miles from the main logistics facility via a T1 link that also carries voice and data traffic. "At peak times in the afternoon when there is a lot of pick -pack-and- ship data response times can get a little slow," he said. "Workers can manipulate data at..."

...PCNA, formed in 1984, sells Porsche automobiles, parts and accessories through a dealer network composed of 213 dealers.

American Software (Nasdaq-NNM: AMSWA) develops, markets and supports the industry's most comprehensive offering of integrated supply chain management and financial control systems. As a leading provider of multi-platform enterprise software solutions, the firm offers state-of-the-art business solutions across a wide range of industries internationally, ranging from manufacturing and distribution to utilities. Its product line encompasses integrated business applications, including logistics/planning, order management, warehouse management, manufacturing and financial control as well as outsourcing services. The company's common...

10/3,K/11 (Item 5 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

01288136 Supplier Number: 45468556 (USE FORMAT 7 FOR FULLTEXT)  
**EMERY WORLDWIDE OPENS SANTIAGO CHILE FACILITY**  
PR Newswire, pN/A  
April 11, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 466

... of high technology products to Chile, Young said. Produce growers and seafood suppliers in Chile will benefit from Emery's presence in the country as...

...perishable products demand a dependable expedited service to guarantee their U.S. consignees fresh products .  
Hortifrut, S.A., one of the largest growers of fruits in Chile...

...Worldwide is a \$1.6 billion global air freight, ocean forwarding and logistics services company with more than 530 terminal and agent locations throughout North...  
...countries worldwide. Emery provides professional transportation services to support the traffic and logistic needs of retailing, manufacturing and industrial customers, especially for companies working with critical pick -up and delivery time frames .

10/3,K/12 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01279665 Supplier Number: 41411894 (USE FORMAT 7 FOR FULLTEXT)  
**MATERIAL HANDLING MONITOR: STANLEY-VIDMARS NEW AS/RS SYSTEMS COMBINE**

**STANDARD SOFTWARE WITH CUSTOM DESIGN**  
Industrial Automation Outlook, v3, n5, pN/A  
July, 1990  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 410

... installed at the Fabrican curtain and drapery plant (Fall River, MA) comprises **manufacturing** planning, shop floor control, AS/RS, and automated packaging and labeling. Fabricans...

...and finished goods staging.

Using this database, one software module creates a **manufacturing** plan that includes put-away decisions, location accounting, machine loading and control, material usage and finished **goods** management. Another module is dedicated to a **shipping** plan: preparing pick lists, packing in pallet/boxes, interim storage and warehousing, and mechanized printing of **shipping** labels.

In response to customer demand for just-in-time delivery, **manufacturing** cycles have been reduced from 5-7 days previously to less than one day, with consequent savings in labor, inventory reduction, scrap allowances, and **picking / shipping times**.

The AS/RS at this location has two independent single aisles, each...

10/3,K/13 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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11370112 Supplier Number: 119743023 (USE FORMAT 7 FOR FULLTEXT)  
**Staying on track: automaker uses tracking technology to keep its inventory lean. (Technology) (Hyundai Motor America)**  
Richardson, Helen L.  
Logistics Today, v45, n7, p42(3)  
July, 2004  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1473

... highest fill rates in the automotive industry," he claims, "and more contented **dealers**. Since Hyundai's **dealers** have access to dependable ETAs, calls from **dealers** have dropped by two-thirds as they learn to trust our ETA...

...we could do was convince management it's a part of the **supply chain** we need. On the one hand, demonstrating ROI is difficult; on the...

...the distribution plan," suggests Rhodes. "There are significant inventory reduction opportunities in **identifying** the actual **distribution** and **cycle times** of **products**. For example, a large consumer products company found shipments typically sat at...

...cuts more than a day from cycle time. The farther up the **supply chain** you can look, the greater the opportunity," he adds.  
at a glance

This article looks at the reasons why **shipper** uses a third party's technology for inbound **logistics** tracking.

Getting the information right  
In the early days of third-party...

10/3,K/14 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

10707577 Supplier Number: 107201360 (USE FORMAT 7 FOR FULLTEXT)  
**Yellow freight: take your business around the world, seamlessly. (CLM Advertorial) (Brief Article)**

World Trade, v16, n9, p40(1)

Sept, 2003

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; General

Word Count: 220

- ... deliver on your commitments
  - \* Priority, Consolidation and Full Container Load services
  - \* Flexible pick-up and delivery times
  - \* End-to-end convenience with shipper-to-port and port-to-consignee services
  - \* 24/7 access to quoting...

...Managed solutions that make it easier to navigate the global marketplace

Full logistics support, including customs brokerage (including security processing and electronic document preparation), warehousing and distribution, quality assurance, cargo insurance and single provider invoicing.

Whether you have to squeeze more efficiency out of your supply chain or simply move goods around the world, call on your transportation management partners at Yellow Global. Visit [www.yellowglobal.com](http://www.yellowglobal.com) or call 1...

10/3,K/15 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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10187057 Supplier Number: 94131812 (USE FORMAT 7 FOR FULLTEXT)

**Making the supply chain more effective, efficient. (EFR). (Efficient Foodservice Response)**

Irsfeld, Mitch

Nation's Restaurant News, v36, n44, pS94(2)

Nov 4, 2002

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 3278

... consumption. For instance, it may be more cost effective and efficient to transport fast-moving products by direct shipment from manufacturer straight to distributor. And slow-moving products from many suppliers could be consolidated at a redistribution facility and shipped together as full truckloads.

The Logistics Optimization strategy also looks at shared distribution. When two manufacturers have less than a truckload and share the same destination point, they...

...and sharing transport space and cost. Another practice, called cross-docking, coordinates delivery and pickup times, production schedules and demand cycles to create a system in which there...

10/3,K/16 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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09051671 Supplier Number: 78792791 (USE FORMAT 7 FOR FULLTEXT)

**Never Touching the Floor. (crossdocking)**

Aichlmayr, Mary

Transportation & Distribution, v42, n9, p47

Sept, 2001

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1573

... sorts by national region and then individual store. Forehand puts it simply: "Vendor product comes in one side, and we ship it out the other."

Though most product flows right in and out, the crossdock facility does have some racking...

...other facilities," he explains. The racking is used mostly for catalog house fulfillment . Racking is also used when one client chooses only to ship product a few times a week instead of daily. Forehand explains: "The product may sit a...

...three days, then it flushes out. Some clients don't like to ship on a Monday or Tuesday because product will hit the West Coast on Friday. They don't want their...

10/3,K/17 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08913054 Supplier Number: 77237067 (USE FORMAT 7 FOR FULLTEXT)  
**Florida Power & Light.(uses Logility warehouse management software) (Brief Article)**

Traffic World, v265, n33, p33  
August 13, 2001  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 108

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...with warehouse management software from Logility. The public utility carries 17,885 items in its distribution center with an additional 15 acres of outside storage space. FPL serves...

...WarehousePro has enabled the company to eliminate a third shift, reconfigure its distribution center, minimize pick times and increase throughput, said Larry Dowling, manager of logistics for FPL. The software also has eliminated the need to reload and repack shipments, he said. Supply - chain software provider Logility is based in Atlanta.

10/3,K/18 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08771210 Supplier Number: 76161897 (USE FORMAT 7 FOR FULLTEXT)  
**GOING UP; AS GAS PRICES RISE, SUPERMARKETS AND SUPPLIERS ARE REINING IN ON TRUCKING OPERATIONS.**

WILLIAMS, MINA  
Supermarket News, p45  
June 4, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1204

... on target, according to Daniel Davidson, vice president, Midwest Region, distribution and logistics . "We forecast the price hike," he said.

Still, Nash Finch is looking...

...our retailers when and why we are reducing deliveries," said Davidson. The wholesaler also works with retailers to determine whether delivery windows are flexible. "This gives us the opportunity to route differently, if need...

...inefficiencies, said Joe Andraski, senior vice president, OMI, a Schaumburg, Ill.-based **supply - chain provider**.

"The steps operators are taking are relevant and important, and, broadly speaking...

...an underutilization of transportation equipment. Ways should be sought to efficiently move **product** with collaborative **transportation** management, moving more full truckloads and reducing delivery time.

"It's not...

10/3,K/19 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08591034 Supplier Number: 65023740 (USE FORMAT 7 FOR FULLTEXT)  
**Ship by manana. (Mission Foods Corp. delivers within 24 hours) (Brief Article)**

Feare, Tom  
Modern Materials Handling, v55, n9, p32  
August 1, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 1546

... food brands.

But at its Dallas distribution center (DC), Mission Foods now **delivers** fresh tortillas and other **goods** to local markets with a seven-fold increase in throughput productivity over...

...hr. That rate compares to 100 cases/hr previously. A future goal: **shipping** 900 cases/man hr.

Elsewhere, productivity has improved too. Loading **times** for **delivery** trucks to **pick** up at the DC's **shipping** docks have been cut tremendously, says Brack. Times once as long as...

...baking ovens to the customer. Within the DC's order picking and **fulfillment** steps, handling occurs two or three times now, compared to eight or...

...of the associates involved in the pick task to other warehouse and **manufacturing** duties.

High-density, dynamic materials flow is the major force behind these ...

...International, www.loadbank.com). A two-tier (mezzanine and floor level) belt **conveyor** picking module also helps speed **products** to customers.

High-density, controlled flow

Ernest Harris, vice president, logistics, and...

10/3,K/20 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08392715 Supplier Number: 71201249 (USE FORMAT 7 FOR FULLTEXT)

**Rail Nirvana.**

Gallagher, John  
Traffic World, v265, n9, p29  
Feb 26, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1666

... costs by optimizing their networks. By taking over functions that railroads and **shippers** don't like to deal with, the company hopes to grab a...

...this "rail nirvana." Depending on the lanes, GATX Rail estimates savings to **shippers** over the long term will be in the range of 15 to...

...can pick up the phone, a truck appears, it picks up their **product** and **delivers** it 99 percent of the time without incident," said Paul Newbourne, vice...

...Rail. "They never think about that trucker again until they get the **freight** bill. The **product** we're looking to develop is built on a similar concept. Customers would call a (third-party **logistics** firm) -- we hope it's ours -- and ask to have 200,000...

...of ethyl glycol moved from point A to point B, to be **picked** up and **delivered** in X-specific **windows**. And we'd say, 'No problem.'"

GATX Rail would find the car and arrange to get it spotted. The **shipper** would notify GATX Rail when it was loaded and GATX Rail would...

10/3,K/21 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07563413 Supplier Number: 63192144 (USE FORMAT 7 FOR FULLTEXT)

**Keep On Shippin'.**

CAMPANELLI, MELISSA

Entrepreneur, v28, n6, p52

June, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1436

... them on your own by using the software and services from major **shippers** such as the U.S. Postal Service (USPS), UPS and FedEx.

Software...

...in-transit options. Customers can track shipments through companies' Web sites; find **estimated delivery times**; and compare, price and **select** the various **shipping** services.

Options offered for basic ground delivery run from overnight to seven

...

...carriers are well-known, always tell customers that the arrival of a **shipment** is affected by such things as **product** availability and time of year. For example, high-volume demands during holidays...

...shipments.

There are a variety of factors that determine the cost of **shipping**, but, in general, USPS offers the least expensive services. "For Second Day

...

...in Allentown, Pennsylvania. "UPS prefers to ship to businesses and from large **shippers**, and they allow large **shippers** to get discounts off the published UPS and FedEx rates."

In addition...

10/3,K/22 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06863052 Supplier Number: 57437048 (USE FORMAT 7 FOR FULLTEXT)

**E-commerce: What Happens After You Click Enter? (Statistical Data Included)**

Witt, Clyde E.

Material Handling Engineering, v54, n11, p39

Oct, 1999

Language: English Record Type: Fulltext

Article Type: Statistical Data Included

Document Type: Magazine/Journal; Trade

Word Count: 4873

... is loaded into the totes. The totes are automatically sorted to specific **shipping** docks, loaded into trucks and driven to one of 14 staging locations...

...The vans have three temperature-controlled compartments for normal, chilled and frozen **products**. Webvan promises **delivery** within five hours for customers who do not **select** a specific **delivery** time **window**. **Logistically** this is a challenge that some transportation experts say cannot be profitable...

...million. In a study by Arthur Andersen for the National Association of **Wholesalers** -Distributors, a tenfold increase in Internet **supply chain** activity by 2003 is predicted. That increase would mean a jump by...

...from one percent to 23 percent in activities such as buying from **suppliers** and selling to consumers. In any case, it's a small slice...

10/3,K/23 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06499714 Supplier Number: 55205655 (USE FORMAT 7 FOR FULLTEXT)  
**E-commerce tackles direct production.**

Vigorous, Mark  
Purchasing, v127, n1, p182  
July 15, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 710

... achieve volume discounts, and it reduces order processing costs incurred by the **supplier** by eliminating disparate correspondences with customers.

With Web connectivity, suppliers can make...

...costs thanks to CC's "logistics consolidation" solution, which allows for the **delivery** of smaller **product** quantities at more frequent intervals. CC consolidates multiple **suppliers**' **goods** into a single **shipment**, which allows smaller buying organizations to order smaller quantities from several **suppliers** and still enjoy the reduced transportation costs of full-truckload **shipping**. By taking advantage of these frequent consolidated shipments, smaller buyers can carry...  
...have had to wait for a full-truckload delivery from a single **supplier**. As with procurement consolidation, **shipment intervals** are determined according to the type of product and the needs of the trading partners.

In a private corporation implementation, a CC-enabled **supply chain** reduces **distributors**' **product** costs, administrative purchasing costs, and **logistics** costs; a portion of these savings can then be passed along to...

10/3,K/24 (Item 12 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06016744 Supplier Number: 53429141 (USE FORMAT 7 FOR FULLTEXT)  
**Reinventing value: the new business ecosystem.(includes related article on ecosystem store of Levi's)**  
Gossain, Sanjiv; Kandiah, Gajen  
Strategy & Leadership, v26, n5, p28(6)  
Nov-Dec, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 3657

... tickets are printed. The Levi's orders are automatically sent to the **factory** best suited to **manufacture** the **items** based upon location, **delivery** capability, and workload. The **factory** makes the **items** to the specified measurements and confirms pick-up times.

Timberland orders are...

...is sent to its dispatch center, and all the confirmed orders, their **pick-up times**, and **delivery** details are sent to FedEx.

When Federal Express receives the order, its...

**10/3,K/25 (Item 13 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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04226990 Supplier Number: 46184780 (USE FORMAT 7 FOR FULLTEXT)

**King of the Road**

Plants Sites & Parks, p15

March, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1042

... are required to file published rates. Because there are no base rates, **shipping** costs should come down, Jenkins says.

Without the ICC, however, disputes between **shippers** and motor carriers won't easily be resolved by a powerful third...contract.

Knowing how regulations vary from state to state also can influence **delivery times**. If **distributors** can **choose** less restrictive routes, **goods** may get to the customer faster. That can make all the difference...

**10/3,K/26 (Item 14 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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02666158 Supplier Number: 43553655 (USE FORMAT 7 FOR FULLTEXT)

**Big Shipper's Body Language Tells All**

Jet Cargo News, p8

Jan, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1427

... goods by truck throughout Europe on an hourly timetable between its 15 **factories**, six local distribution centers and 30 **suppliers**. The quality window is one hour. Deliveries can be one hour early...

...Ericsson ships either by ocean or air depending on the time available. **Pickup** and **delivery times** are important. Ericsson also times when **goods** pass from one step to the next during the delivery process to...

...each progression.

'Most people think that air freight moves directly from the **shipper**'s to the consignee's plant,' Wallier said. 'The truth is that...

**10/3,K/27 (Item 15 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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01925114 Supplier Number: 42454654 (USE FORMAT 7 FOR FULLTEXT)

**CHAINS RACE TO GET MORE COMPETITIVE**

Computer Reseller News, p7

Oct 21, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1007

... to the distribution facility daily or hourly.

Ingram Micro also offers its **dealer** customers real-time on-line ordering capabilities.

"A real-time environment offers **dealers** the most accurate assessment of our inventory status," said Larry Carpenter, Ingram...

...Santa Ana, Calif. That site serves as a consolidation center where the **distributor** receives almost 80 percent of its **product** before **shipping** it to other Ingram warehouses. The center will help better **estimate** order-tracking **times**.

DISTRIBUTION	RIVALS FOR THE '90s
NUMBER OF	LOCATION
WAREHOUSES	SQ. FEET
COMPUCOM	3...

10/3,K/28 (Item 16 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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01561756 Supplier Number: 41912853 (USE FORMAT 7 FOR FULLTEXT)

**Terms of Endearment**

SportStyle, v0, n0, p33

March 4, 1991

Language: English Record Type: Fulltext Abstract

Document Type: Magazine/Journal; Trade

Word Count: 762

**ABSTRACT:**

...manager Jim Wilfong following the Ski Merchandising Corp. show last month. Once **ascertained**, Atomic divides the **shipping** (and payment) **period** into three segments: pre-season, holiday and year-end. The pre-season delivery is based on standard terms of a 10-percent discount, with **dealers** **shipped** their **goods** upfront and required to meet the normal December 10th due date. This is followed by another **shipment** slated for the middle of November, with **product** arriving in shop just prior to the holiday selling period. Retailers receive...

... manager Jim Wilfong following the Ski Merchandising Corp. show last month. Once **ascertained**, Atomic divides the **shipping** (and payment) **period** into three segments: pre-season, holiday and year-end. The pre-season delivery is based on standard terms of a 10-percent discount, with **dealers** **shipped** their **goods** upfront and required to meet the normal December 10th due date. This is followed by another **shipment** slated for the middle of November, with **product** arriving in shop just prior to the holiday selling period. Retailers receive...

10/3,K/29 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

15520111 SUPPLIER NUMBER: 94540302 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Mastering wholesale distribution: wholesale distributors continue to add value to the supply chain. (Final Word).**

Davis, Larry

Industrial Distribution, 91, 11, 82(1)

Nov, 2002

ISSN: 0019-8153 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 578 LINE COUNT: 00052

... distributor to enjoy the additional economic and service advantages offered by a **wholesaler** without paying a significant premium for their products.

In terms of economic...and receipts into one low-cost interface.

Service value for distributors is **delivered** through short lead **times**, customer service knowledge, and **product selection**. Wholesalers

provide same-day **shipping** from numerous locations across the globe to offer **distributors** quick and easy access to large **product** portfolios. Low lead times equate to low inventory stocking levels for the...servicing their end-users and to interface with the manufacturer on the **distributor**'s behalf. Wholesale **distributors** offer an extensive **product** portfolio that enables them to provide high fill rates to their **distribution** customers. They often stock **products** not found anywhere else, and provide quick **shipment** for a **manufacturer**'s slower-moving **items**.

While distintermediation may have seemed a threatening reality for a short time...

10/3,K/30 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

13030645 SUPPLIER NUMBER: 66894554 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Electronic Commerce Beyond the "dot com" Boom.**  
Senn, James A.  
National Tax Journal, 53, 3, 373  
Sept, 2000 .  
ISSN: 0028-0283 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3991 LINE COUNT: 00388

... would swell). Many customers do not apparently perceive online buying at lower **product** or service prices, with **delivery** at a later time, as an attractive proposition.

Furthermore, the potential attraction of discounted pricing often fades when **shipping** costs and **estimated delivery times** are incorporated into the buyers' value proposition. During the 1998 and 1999 holiday buying seasons, consumers decided that promised lower prices and other **vendor** promises did not add the value they had hoped. Companies left many...

10/3,K/31 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

10898985 SUPPLIER NUMBER: 54200030 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Share and share alike.**  
Thomas, Jim  
Logistics Management Distribution Report, 44  
March 31, 1999  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2146 LINE COUNT: 00178

... necessarily need to appoint an internal staffer: The automakers depended on Exel **Logistics**, a third-party **logistics** service **provider** that worked with both companies.

\* Answer the tough questions up front. If...

...use of its resources? How will each company reconcile differences in operations (**pickup** and **delivery times**, loading and unloading practices, etc.)?

\* Assess operational issues. Another company's truck...

...a competitor's vehicle, may serve one of your locations. You may **transport**, store, or **distribute** another company's **products**. **Delivery** frequency and schedules may change. Even the smallest changes to the network...

10/3,K/32 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

10487955 SUPPLIER NUMBER: 21168779 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Temp-controlled goods require top service levels.**

Purchasing, v125, n4, p87(1)

Sept 15, 1998

ISSN: 0033-4448

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 483

LINE COUNT: 00066

TEXT:

What do **shippers** of temperature-sensitive **goods** look for in a **carrier**? It's certainly not the lowest-priced transporter. A new study from C.H. Robinson Co. reports that **shippers** of temperature-sensitive **products** are most concerned about selecting **carriers** that can provide adequate equipment availability, especially during peak seasons. The second annual study, which polled 1,000 companies of various sizes about their **shipping** preferences, reveals that only 42% of shippers feel temperature-controlled equipment capacity...

...important to note that C.H. Robinson, a Minnesota-based third-party **logistics** company, says survey respondents overwhelmingly define "equipment capacity" to mean truck **transportation**.) Consistent transit times are also atop **shippers**' carrier-selection criteria list, according to the study. Other issues that have an impact...

...in place. On average, 64% of these shippers use fewer than 10 **carriers** to **transport** their temperature-controlled **products**. In addition, 43% of **shippers** say they will continue to consolidate the number of carriers they use...

**10/3,K/33 (Item 5 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

09875153 SUPPLIER NUMBER: 19999622 (USE FORMAT 7 OR 9 FOR FULL TEXT).

**VSI-FAX Network Software Goes Global**

PR Newswire, p1119LAW016

Nov 19, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 729 LINE COUNT: 00068

... of messaging capabilities for Unix and Windows NT servers, as well as **Windows**, Unix, e-mail and Web client **computing** environments.

**VSI products** are available through a worldwide network of **distributors** supporting more than 2,000 Value-Added Resellers (VARs) and tens of thousands of end-user organizations. Customers span a range of industries, including **manufacturing**, finance, distribution, **shipping** /transportation, telecommunications and hospitality. Companies such as Home Depot, CompUSA, Bell South...

**10/3,K/34 (Item 6 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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08805501 SUPPLIER NUMBER: 18434697 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Site location tools dig data.** (software used by logistics planners to determine site location openings or closures) (includes a related article on site location tools)

Andel, Tom

Transportation & Distribution, v37, n6, p77(4)

June, 1996

ISSN: 0895-8548

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2549

LINE COUNT: 00206

... a Windows-based software application that describes locations in terms of customers, **shipping** location, or any item that must be geocoded on a map. It links locations to a...

...distance, and routing calculations. Circle 263

Computer Sciences Corp. offers LOCATE4 for Windows , which analyzes alternative distribution configuration to determine the least-cost (or highest margin), most service-sensitive network of facilities...

...statistical areas of the US. Circle 265

Insight Inc. offers its Global Supply Chain Model (GSCM), which helps determine raw material sources, manufacturing and distribution locations, and inventory levels. Circle 266

Kostecki Co. Inc. offers...

10/3,K/35 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08676641 SUPPLIER NUMBER: 18254263 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Modern product selection: find and buy it on-line. (includes related article Inventory by Internet)**

Air Conditioning, Heating & Refrigeration News, v197, n16, p22(2)

April 15, 1996

ISSN: 0002-2276 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 677 LINE COUNT: 00061

... collection of industrial and electronic parts information, which Sams collects from various manufacturers and synthesizes into standard descriptions. The company uses that copyrighted information - five million items and 150,000 images - in publishing product catalogs for wholesalers and distributors.

The second database includes repair and parts information for TVs...

...Sams, Dataview offers these features:

\* Product selection - Real-time access to all products carried by the distributor .

\* Technical specifications - Extensive details on each item for the selection of the part or product that fits the customer...

...the discounts available to each customer because of his relationship with the distributor .

\* Availability-inventory information - Determine whether an item is currently in the distributor 's inventory.

\* Transactions - Enter a purchase order directly into the system.

\* Shipping and delivery times - Determine the exact shipping schedule for the parts ordered.

\* Tracking and tracing of orders - Check periodically...

10/3,K/36 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

08169446 SUPPLIER NUMBER: 17512601 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Btrieve Technologies dominates PC Magazine's accounting software awards;

Solomon and Great Plains win first place and Macola receive honorable mention.

Business Wire, p10021045

Oct 2, 1995

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 599 LINE COUNT: 00060

... ease of use and vastly improved integration and customization features.

PC Magazine evaluated all of the currently shipping Windows products (general ledger, accounts payable, and accounts-receivable modules only) from vendors with a strong market presence. The product evaluations were a collaboration between...

10/3,K/37 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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08009833 SUPPLIER NUMBER: 16824327 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**TCP/IP does Windows. (reviews of 11 TCP/IP software packages) (includes related articles on testing methodology and on Frontier Technology Corp's SuperTCP Pro, which wins Communications Week's Max Award) (Software Review) (Evaluation)**

Mier, Edwin E.; Mier, David C.; Yocom, Betsy  
CommunicationsWeek, n554, p87(10)

April 24, 1995

DOCUMENT TYPE: Evaluation ISSN: 0746-8121 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3169 LINE COUNT: 00270

... a word processing or an electronic-mail application. In fact, given many **vendors**' word processing and E-mail applications, installing and running TCP/IP on...

...of the TCP/IP software market we conducted recently, nearly two dozen **vendors** were identified as **shipping products** specifically for **Windows** PCs.

#### How They Stack Up

After comparing the packages' features and capabilities, more than a dozen **vendors**' products still met all the requirements we established for testing--such as...

...connections, an established leadership share of market and so on. These leading **vendors** were invited to submit their products for testing.

IBM and The Wollongong...

...the lab test because they were completing new products. The remaining 11 **vendors** accepted and their products were tested.

All of the tested software packages...

10/3,K/38 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07650596 SUPPLIER NUMBER: 16024223 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**BAXTER HEALTHCARE NAMES EMERY WORLDWIDE AS PRIMARY HEAVY AIR FREIGHT CARRIER**

PR Newswire, p0111NY024  
Jan 11, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 799 LINE COUNT: 00070

... properly handle sensitive pharmaceuticals such as serums and vaccines that must be **shipped** under constant temperature control to maintain **product** quality and integrity.

Emery also offers special communications and **logistic** services ranging from electronic data interchange to computerized tracking and tracing from...

...Palo Alto, California, is a \$1.4 billion global air freight and **logistics** services company with more than 400 service locations throughout North America and...

...countries worldwide. Emery provides professional transportation services to support the traffic and **logistics** needs of retailing, **manufacturing** and industrial customers, especially for companies working with critical **pick-up** and **delivery time frames**.

-0- 1/11/95

/CONTACT: Mark Nelson of Emery Worldwide, 415-494...

10/3,K/39 (Item 11 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

07315534 SUPPLIER NUMBER: 16409210 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Trucking firms roll through strike's aftermath. (ABF Freight Systems Inc.;  
American Freightways Corp.; International Brotherhood of Teamsters'  
nationwide strike)  
Tobler, Christopher  
Arkansas Business, v11, n20, p20(1)  
May 16, 1994  
ISSN: 1053-6582 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1457 LINE COUNT: 00111

... dedicating service and making the deliveries in a shorter time frame, the **shipper** is required to keep less inventory, thus reducing operating expenses.

ABF, in...

...based Burnham Service Co., began a new service last year where ABF **delivers** the **product** and Burnham performs set-up services, light assembly and even training. This...

...on the status of shipments. Others are following suit, using computers for **logistical** planning and scheduling to tweak **delivery times** down while making **estimates** more accurate.

"Customers just demand better service, more consistent service," says Robert...

10/3,K/40 (Item 12 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06792395 SUPPLIER NUMBER: 14894513 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The right place at the right time. (distribution systems upgrading)  
Thomas, Jim  
Distribution, v92, n12, p60(5)  
Dec, 1993  
ISSN: 1066-8489 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2011 LINE COUNT: 00152

... years ago," says Arcure. "Now we have three different DCs where we **ship** and receive **goods**. We cut our **transportation** times of five to seven days down to two across all **product** lines."

Companies have reconfigured their **distribution** systems for ages but it has never been as easy (thanks to...).

...Do I really need all of them?'" says Steve Denny, director of **logistics** systems, yellow **Logistics** Services, Inc., Overland Park, Kan. "They have that gut level feeling that... .

...engineering their distribution network."

The software packages have become indispensable to many **logistics** managers (see "Learning About Facility Location Models," DISTRIBUTION, May 1993), who regard...

...used to evaluate the distribution network. The software features vary, but all **identify** a company's **transportation** costs and transit **times**--from **manufacturer** to DC and from DC to customers--for any given location or... .

...other than transportation costs and transit times) internally," says Jim Milner, corporate **logistics**, UPS **Logistics**, Atlanta. "They will know what their warehouse costs are, employee costs and... .

10/3,K/41 (Item 13 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04830864      SUPPLIER NUMBER: 08959212      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
How to get the most for your transportation dollar. (Cost cutting, part 1)  
(includes related articles)  
Traffic Management, v29, n10, p45(4)  
Oct, 1990  
ISSN: 0041-0691      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1839      LINE COUNT: 00150

... to choose, and the greater the opportunity for rate negotiation.  
With luck, **shippers** conducting one of these "needs analyses" will discover they do have some flexibility in service requirements. " **Shippers** in this situation can almost always find 10 to 15 motor carriers...

...you're not shopping for more service than you need."

Once the **logistics** manager completes a needs analysis, the second phase of the negotiating process--information sharing--begins. At this point, the **shipper** should provide the carrier with as much information about its business as...

...advises Steven A. Sienkiewicz, manager-distribution consulting in the national transportation and **logistics** group of Ernst & Young.

This means apprising the motor carrier of such factors as freight volumes, traffic lanes, **pickup** and **delivery windows**, frequency of **shipment**, and **product** characteristics. In order to do this, the **shipper** first must know its current transportation costs and have that information in...

10/3,K/42      (Item 14 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03880639      SUPPLIER NUMBER: 07402377      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**KLM Cargo: a changed structure for a changing market. (KLM Royal Dutch Airlines)** (includes related article on KLM's Publication Distribution Services)  
Lefer, Henry  
Air Transport World, v26, n3, p72(5)  
March, 1989  
ISSN: 0002-2543      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 2818      LINE COUNT: 00223

... itself as a transportation system, now it thinks of itself as a **logistics** or distribution system. As such, it aims not only to be the transportation bridge between **shippers** and their consignees, but also to assist them in improving their own **logistics** systems. Assistance runs the gamut from advice on **transportation** services, rates and **times**, to **product** packaging, determining the level of inventory needed in their European distribution centers, and even...

...center at Schiphol provides a warehouse and complete distribution services which international **shippers** may use in lieu of setting up their own distribution centers or to handle the introduction of new **products**. From the KLM center **shippers** may reach **consignees** in Western Europe, the Middle East and Africa.

Ancher acknowledges that neither...

10/3,K/43      (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

0669548  
**EUROPEAN FIRMS TO FORM REGIONAL AIRCRAFT VENTURE**  
PIERRE SPARACO  
Aviation Week & Space Technology, vVol. 142, No. 24, p0040  
June 12, 1995

JOURNAL CODE: AW  
SECTION HEADING: PARIS PREVIEW ISSN: 0005-2175  
WORD COUNT: 541

TEXT:

...as well as BA's 70-115-seat four-engine Regional Jet **transports**.

The partners will combine their marketing and **product support** activities, but will continue to produce and assemble their current products...

... In addition to its Toulouse headquarters, the venture will establish a combined **logistics** center at Weybridge, U.K., and a joint training center in Naples...

...develop an all-new regional twinjet and an all-new twin turboprop **transport**. But no **timeframe** has been **determined** for the programs.

This week, at the Paris air show, Aerospatiale is...

... request for proposals to establish an industrial partnership agreement with a western **manufacturer**.

Aerospatiale's exploratory studies currently are focusing on a 100-seat aircraft...

10/3,K/44 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02686908 458581611

**Beyond price**

Adams, Bruce

Hotel & Motel Management v218n19 PP: 6, .82 Nov 3, 2003

ISSN: 0018-6082 JRNL CODE: HOM

WORD COUNT: 1011

ABSTRACT: Not everybody agrees on the definition of **supply - chain** management, but most agree it involves defining needs and product attributes, bidding, **vendor selection**, procurement, planning lead **times**, **delivery logistics**, installation, warranty management and accounting. Effective procurement isn't simply preparing a...

...for all Marriott brands. It goes beyond price and includes material and **product assessment**, **delivery**, examining a company's financial capability and ability to stand by in...

10/3,K/45 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02487984 235675661

**EFR: Making the supply chain more effective, efficient**

Irsfeld, Mitch

Nation's Restaurant News PP: 94-96 Nov 2002

ISSN: 0028-0518 JRNL CODE: NRN

WORD COUNT: 2932

...TEXT: invoiceless payment.

The fourth strategy studies the benefits of a series of **logistics** strategies to move product up and down the **supply chain** more effectively and efficiently. Through the forging of strategic alliances and the...

... consumption. For instance, it may be more cost effective and efficient to **transport** fast-moving **products** by direct **shipment** from **manufacturer** straight to **distributor**. And slow-moving **products** from many **suppliers** could be consolidated at a redistribution facility and shipped together as full truckloads.

The **Logistics** Optimization strategy also looks at shared distribution. When two **manufacturers** have less than a truckload and share the same destination point, they...

... and sharing transport space and cost. Another practice, called cross-docking, coordinates **delivery** and **pickup times**, production schedules and demand cycles to create a system in which there...

... variety, which improves product varieties through cooperation between **operators** and their **distributor** trading partners; **product** deletions, when sales of a product amount to less than costs; the...

10/3,K/46 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02420794 181613181  
**Subscription supply chains: The ultimate collaborative paradigm**  
Cook, Robert L; Garver, Michael S  
Mid - American Journal of Business v17n2 PP: 37-45 Fall 2002  
ISSN: 0895-1772 JRNLD CODE: MAJB  
WORD COUNT: 6207

...TEXT: supply chain participants are involved in planning demand, significant cost reductions in **manufacturing** and **logistics** can be realized and more competitive prices can be offered. For example...

...a magazine over a three year period, joint demand planning lowers the **supply chain** risk and cost significantly. The result is that the subscription price is...

... variable parameters must be specified and communicated in real time to all **supply chain** participants.

When establishing initial subscription relationships, consumers may have difficulty accurately planning...

10/3,K/47 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01913428 05-64420  
**Update: Material handling in the food industry**  
Witt, Clyde E  
Material Handling Engineering v54n11 PP: 38-50 Oct 1999  
ISSN: 0025-5262 JRNLD CODE: MTH  
WORD COUNT: 4895

...TEXT: is loaded into the totes. The totes are automatically sorted to specific **shipping docks**, loaded into trucks and driven to one of 14 staging locations...

... The vans have three temperature-controlled compartments for normal, chilled and frozen **products**. Webvan promises **delivery** within five hours

for customers who do not select a specific delivery time window. Logistically this is a challenge that some transportation experts say cannot be profitable...

...million. In a study by Arthur Andersen for the National Association of Wholesalers -Distributors, a tenfold increase in Internet supply chain activity by 2003 is predicted. That increase would mean a jump by...  
...from one percent to 23 percent in activities such as buying from suppliers and selling to consumers. In any case, it's a small slice...

10/3,K/48 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01912105 05-63097  
**Money in the pipeline**  
Sowinski, Lara  
World Trade v12n11 PP: 74-78 Nov 1999  
ISSN: 1054-8637 JRNLD CODE: WLD  
WORD COUNT: 1053

...TEXT: terminate after the inbound shipment reaches the customer's door, though. Reverse logistics , or returning products for repair or exchange, is another source of potential savings. Customary reverse logistics provided by a 3PL provider include the pickup or receipt of products...

...SCM

Clearly, the concept of SCM has dramatically revolutionized how companies source, manufacture , and deliver products to their final destination. Combining SCM with information technology has made the...

...can choose from a large number of various types of SCM and logistics software. Some of this software can be purchased off the shelf and...  
... are custom-designed to the client's specifications and priced accordingly.

Scheduling delivery times , load planning for trucks, and determining raw material purchases are just some of the ways in which companies use logistics software. Companies can also better monitor specific details of the supply chain , from placement of the initial order to the factory , to production, to final delivery of the product . Keeping a watchful eye on the supply chain , and having the ability to react to changes, obviously translates to additional...

10/3,K/49 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01786523 04-37514  
**An opportunity to compete with the best and win**  
Anonymous  
Management Today PP: 14 Feb 1999  
ISSN: 0025-1925 JRNLD CODE: MTO  
WORD COUNT: 677

...TEXT: worked the hardest to better its performance. Ericsson OMC in Worksop, which manufactures mobile phones, took the laurels in 1998, after a year in which...

...of Eli Lilly, the US drugs company, took the Household and General Products Award last year after a reengineering programme delivered savings of at least 2.5 million.

The first stage of evaluation...

... report that is completed by every entrant. This confidential questionnaire examines key **determinants** of excellence such as lead **times**, **delivery** flexibility, efficiency and, of course, the holy grail of **manufacturers**, productivity. Completed forms are assessed by the experts at Cranfield, who prepare a short list from which the eventual award winners will be drawn.

**Factories** that make it to the finals will be visited by a team...

**10/3,K/50 (Item 7 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01728532 03-79522

**Supply chain postponement and speculation strategies: How to choose the right strategy**

Pagh, Janus D; Cooper, Martha C  
Journal of Business Logistics v19n2 PP: 13-33 1998  
ISSN: 0735-3766 JRNL CODE: JBL  
WORD COUNT: 6270

...TEXT: to the average delivery time to customers, in proportion to the average **manufacturing** and delivery lead-time. The relative delivery frequency refers to the average delivery frequency to customers, in proportion to the average **manufacturing** and **delivery** cycle time, for the same **product**. If customers demand a high relative **delivering** frequency and/or a short relative delivery time, it will likely be appropriate to employ some degree of **manufacturing** and/or **logistics** speculation. Therefore, a PLS-strategy from the upper-left corner in the ...

...be employed, and vice versa for low delivery frequencies and/or long **delivery times**.

Another important decision **determinant** is the degree of demand uncertainty. Based on the predictability of products...

**10/3,K/51 (Item 8 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01527411 01-78399

**More than storage**  
Dilger, Karen Abramic  
Manufacturing Systems v15n10 PP: 30-42 Oct 1997  
ISSN: 0748-948X JRNL CODE: MFS  
WORD COUNT: 1924

...TEXT: customer requests. "The system knows when shipments must go out to meet **delivery times** based on **picking** order," says Schilt. "If there is a back order, the system decides..."

...some customers won't accept back orders. Users can look into incoming **shipping** notices to see if the expected **items** are there, and simply cross dock them when they arrive."

Warehousing system capabilities no longer are limited by a facility's physical square footage. **Manufacturers** and distributors are using information technology to improve their operations, from meeting specifications for outbound **shipping** to managing light assembly of component parts. These advancements only can lead...

**10/3,K/52 (Item 9 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01202133 98-51528

Driven by imagination

Anonymous

Manufacturing Systems v14n4 PP: 69 Apr 1996

ISSN: 0748-948X JRNL CODE: MFS

WORD COUNT: 424

...TEXT: manages sales of the transportation planning software for Manugistics, Rockville, Md., says shipping costs became a major issue with the advent of just-in-time manufacturing. "Most companies used to buy almost everything in full truckload quantities," Cianci...

...industry resemble a war zone, with buyers and sellers fighting over how goods will be shipped.

This often occurs when a large customer, such as a major retailer, tries to cut delivery times by picking up its orders from a manufacturer. Cianci says most manufacturers fight that. Orders for smaller customers are often piggybacked on the same...

... a St. Louis-based transportation accounting firm, predicts the market for contract logistics services will reach \$50 billion by the end of the decade. Contract logistics firms handle a company's entire transportation operation, from load planning to delivering the goods.

"From the distribution center to the retailer, our goal is to keep product from ever..."

10/3,K/53 (Item 10 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01044750 96-94143

Environmentally responsible logistics systems

Wu, Haw-Jan; Dunn, Steven C

International Journal of Physical Distribution & Logistics Management  
v25n2 PP: 20-38 1995

ISSN: 0960-0035 JRNL CODE: IPD

WORD COUNT: 7901

...TEXT: how companies use substitution[6, p. 50].

The third tenet of reverse logistics places the most burden on logistics managers to reuse materials in the system. Reusable and returnable packaging will increase in the future, and traditional one-way logistics will need to be adapted to handle two-way freight flows. Denmark...

...handle pickups of reusable packaging as well as drop-offs of normal merchandise. Transport network planning will become more complex with two-way freight flows and lead times will become longer because delivery windows will include time for pickups. Other changes include extra space required for storing returnable containers, modification of...

...containers. Deposits on returnable containers represent working capital tied up in the logistics pipeline. Faster turn-around of returnables should improve the system performance.

Returnable packaging appears to increase the logistics cost because extra handling equipment and storage space are required to handle the backhaul of returnables. However, since manufacturers add the costs of packaging in their prices to the customers, the...

10/3,K/54 (Item 11 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

00928512 95-77904

The role matrix: A diagnostic test of marketing health  
Spillard, Peter; Moriarty, Matthew; Woodthorpe, John  
European Journal of Marketing v28n7 PP: 55-76 1994  
ISSN: 0309-0566 JRNL CODE: EJM  
WORD COUNT: 9005

- ...TEXT: 7) Who sets market sector margin targets?  
(8) Who decides how to **distribute** trading costs between **products**?  
(9) Who monitors customers' reactions to price changes?

#### DISTRIBUTION

- (1) Who decides...  
...the stock control system?  
(6) Who prioritizes branch requirements for stock from **manufactured** product?  
(7) Who schedules **factory** production?  
(8) Who checks **delivery times**?  
(9) Who **determines** who are key customers?  
(10) Who monitors inquiries not resulting in orders...

10/3,K/55 (Item 12 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00798715 94-48107  
Jointly determined cycle time models for manufacturers with multiple vendors  
Swenseth, Scott R; Park, Byung K  
Journal of Business Logistics v14n2 PP: 127-143 1993  
ISSN: 0735-3766 JRNL CODE: JBL  
WORD COUNT: 5481

...TEXT: 2) expanded Banerjee's model to include alternative inventory scenarios for the **vendors**. Specifically, the LFL requirements was eliminated, allowing the vendor to produce in...

... studies with optimal and heuristic models that include shipping costs for jointly **determined** production and **shipping** cycle **times**. Solutions are provided for scenarios where vendor production cycle times are matched  
...

...vendor may produce a single large lot and store inventory of finished **goods** that are **shipped** out in smaller increments. While earlier studies linked a single vendor with...

...of this study is to evaluate the use of decision models that **determine** joint production and **shipping** cycle **times** for vendors and manufacturers implementing inbound consolidation programs. These cycle times are developed for n vendors located in close proximity to one another and **shipping** to a single manufacturer. The manufacturer may have a series of such...

... of individual vendors. The models presented here incorporate manufacturer, vendor, and transport **carrier** information, as well as information on multiple **items**.

#### THE INCLUSION OF **SHIPPING** CONSIDERATIONS

**Shipping** costs are often ignored when modeling inventory decisions. When included, they are...

10/3,K/56 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

2541885 624031981

**FIRM FINDS ITS SHIPPING SOLUTION HELPS OTHERS ; BRIGHTON SYSTEMS WAS FORMED  
TO STREAMLINE THE OPERATIONS AT FAMILY- OWNED COMPANY**

Dunham, Linda; Names, Trade  
Richmond Times - Dispatch pD.19  
Apr 26, 2004  
WORD COUNT: 1,065  
DATELINE: Richmond Virginia

TEXT:

...software. The program allows companies to track late or undelivered parcels.

Most shipping companies guarantee the delivery of goods within a certain number of business days. But when a shipment is late, you aren't going to hear it from the shipping company . And getting the refund is not easy.

"An industry study found that deliveries are late five percent of the time," said Xu. Shipping is a \$30 billion industry. The potential availability of uncollected refunds adds...

...month, about 80,000 pounds.

"Let's just say it keeps my shipper 's honest," said Wetlaufer.

Refund Shark does not just monitor the delivery times for packages, it will identify other areas in the shipping process that can cost money: incorrect addresses, misprinted labels, etc. When packages...

10/3,K/57 (Item 2 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

0768117 97-26659

**Synnetry sees bright future for local exports**  
Bour, Alison M  
Dayton Business Reporter (Dayton, OH, US), V5 N29 p2  
PUBL DATE: 961223  
WORD COUNT: 998  
DATELINE: Dayton, OH, US, North Central

TEXT:

...focusing on just the transactions that happen between a reseller and a manufacturer , and we are encouraging that to go over the Internet."

Since a...

...means, Lynch said. A reseller overseas needs to know immediately the latest product information, prices, available ship dates, estimated shipping times , and--perhaps most importantly the inventory on hand. The system is also...

...customs and freight requirements, and the assessed taxes that occur with multiple shipping points.

"We've seen a lot of mistakes," Lynch adds about companies...

10/3,K/58 (Item 3 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

0238658 91-62545

**Leading Hardware Manufacturers and Software Resellers Make Major Commitment  
to Microsoft Solution Series**

Meredith, Karen; Charf, Sarah  
Business Wire (San Francisco, CA, US) s1 p1  
PUBL DATE: 910916  
WORD COUNT: 1,547  
DATELINE: Redmond, WA, US

TEXT:

...Works for Windows on its WorkBox and GLC models, which will begin shipping in October.

"We are attempting to bring computing to the masses by...

...tools that people need in one easy-to-use package."

-- Leading Edge Products Inc., another key manufacturer planning to ship Microsoft Works for Windows on selected systems, is also very supportive of these new applications. "Leading Edge is..."

10/3,K/59 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

4435625 Supplier Number: 122162627 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**DHL in China.**

**(Ground Handling News)**  
Ground Handling International, v 9, n 5, p 7  
October 2004  
DOCUMENT TYPE: Journal ISSN: 1364-8330 (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 370

TEXT:

...initiative to cement DHL's leadership position as an integrated "one-stop" supply chain solutions provider in China, a key engine of growth in the Asia Pacific region.

To this end, DHL has launched China Domestic, the first international express provider to introduce a domestic express service in China. This new express door-to-door delivery service, targeted at parcels and freight items, offers shorter delivery and pick-up times, shipment visibility via DHL's Track and Trace technology, dedicated customer service and...

10/3,K/60 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

3577546 Supplier Number: 03577546 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Making the supply chain more effective, efficient. (EFR).**

**(Efficient Foodservice Response)**  
Nation's Restaurant News, v 36, n 44, p S94  
November 04, 2002  
DOCUMENT TYPE: Journal ISSN: 0028-0518 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2952

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...consumption. For instance, it may be more cost effective and efficient to transport fast-moving products by direct **shipment** from manufacturer straight to **distributor**. And slow-moving **products** from many **suppliers** could be consolidated at a redistribution facility and shipped together as full truckloads.

The **Logistics** Optimization strategy also looks at shared distribution. When two **manufacturers** have less than a truckload and share the same destination point, they sharing transport space and cost. Another practice, called cross-docking, coordinates **delivery** and **pickup times**, production schedules and demand cycles to create a system in which there ...

10/3,K/61 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

2776957 Supplier Number: 02776957 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Stamps.com Offers E-Biz Tools**

(**Stamps.com** introduced beta of its suite of Internet shipping tools for e-commerce companies; suite includes: Price It API, Track It API, and Sell It API)

Online Reporter, p N/A

April 10, 2000

DOCUMENT TYPE: Newsletter (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 218

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

**Stamps.com** has launched a beta of its suite of Internet **shipping** tools - Price It API, Track It API and Sell It API - for...

...it acquired iShip.com (OLR No 170), address various parts of the **shipping** process for online buyers and sellers and are said to enable e...

...provide multiple delivery options to buyers, reduce customer service costs and turn **shipping** operations from a cost center into profit center.

Price It is a rating tool that compares carrier services by **estimated delivery** date, **times** and service charges. Track It lets online buyers track packages from order...

...targeted at auction sites and exchanges, allows sellers to create profiles of **carriers**, rates and **delivery** terms for each **item** being sold.

The Santa Monica, California-based Internet postage **vendor** says that integrating the XML-based APIs will enable businesses to access...

10/3,K/62 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0322078 BW820

**INTEGRATED COMPUTER:** Integrated Computer Solutions ships the ICS Ada Xcessories from Solaris 1.x

March 1, 1993

Byline: Business Editors/Computer Writers

...the need

for a government waiver."

The ICS Ada Xcessories is now **shipping** on the Solaris 1.x platform at a cost of \$7615. BX...

...an ICS sales representative at 617/621-0060.

ICS is a leading **supplier** of open, **distributed** computing **products** and services headquartered in Cambridge, Mass. Founded in 1987, ICS is committed...

...produces **Xhibition**, a technical conference and trade show aimed at the **X Window System** and **distributed computing** markets. ICS is affiliated with a number of major industry groups, including...

10/3,K/63 (Item 2 from file: 810)

DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0242846 BW069

**MICROSOFT: Leading hardware manufacturers and software resellers make major commitment to Microsoft Solution Series**

September 16, 1991

Byline: Business Editors/Computer Writers

...Works for Windows on its WorkBox and GLC models, which will begin **shipping** in October. "We are attempting to bring computing to the masses by..."

...tools that people need in one easy-to-use package."

-- Leading Edge **Products** Inc., another key **manufacturer** planning to **ship** Microsoft Works for **Windows** on **selected** systems, is also very supportive of these new applications. "Leading Edge is..."

10/3,K/64 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1149448 NYM048

**InterWorld Adds Tandata's Logistics Management Software To Its Leading Internet Commerce System**

DATE: September 8, 1997 11:53 EDT WORD COUNT: 750

Sept. 8 /PRNewswire/ -- InterWorld Corporation, a leading **provider** of enterprise-class Internet commerce software systems, and TanData Corp. today announced...

... Electronic Commerce World in Philadelphia, PA. The technology alliance integrates TanData's **shipping**, calculating and tracking software with InterWorld's Commerce Exchange, a comprehensive solution...

... Exchange allows online merchants to offer their shoppers a variety of automated **shipping** and tracking options, ensuring customer control over **shipping** variables such as delivery method and cost. Progistics.Merchant generates **shipping** costs dependent on the **products** ordered, **shipping** service **selected** and the **delivery timeframe** required.

"By working with TanData, InterWorld can now offer our customers total ...

...Exchange so that our clients will now be able to offer automatic

**shipping** calculations and provide carrier tracking numbers at the time an order is...

10/3,K/65 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00790935 20020703DEW023 (USE FORMAT 7 FOR FULLTEXT)  
**Con-Way Logistics Establishes Strategic Partnership**  
PR Newswire  
Wednesday, July 3, 2002 17:09 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 447

TEXT:

...fulfillment. Badger will now utilize CLI's entire national warehouse network of **logistics centers** to provide its customers with faster order delivery and Badger with...

...for Badger, said the company sought new solutions for delivery and order **fulfillment** from the company's **manufacturing** plant in Charlottesville, VA. The one-year pilot program enabled the company to **ship** its **products** to Con-Way **logistics** centers in key regional markets. Utilizing CLI's Six Sigma operating process, best practice methodologies were **identified** and applied to reduce **distribution** costs, cycle **times** and streamline replenishment programs. More importantly, Badger was able to establish precise measurements of its distribution costs and allocate **supply chain** resources in the most cost efficient manner.

According to Mike Bare, vice president and general manager of Con-Way **Logistics**, Con-Way will offer Badger access to a wide range of **supply - chain** management services, including warehousing, web enabled real-time inventory control, order visibility tools, delivery, labeling, **fulfillment**, and consolidation.

Con-Way **Logistics** is an operating unit of Con-Way Transportation Services, Inc., a \$2...

10/3,K/66 (Item 2 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00293772 20000317NYF002 (USE FORMAT 7 FOR FULLTEXT)  
**Homepoint Corporation Finalizes Transition to A Pure E-Commerce Business-to-Business Operation**  
PR Newswire  
Friday, March 17, 2000 07:00 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 533

TEXT:

...site (<http://www.homepoint.com>) will be reconstructed to compliment HomePoint's **manufacturer** and retailer extranet system, the HomePoint Advantage Network (<http://www.homepointadvantage.com>)...

...consumer website will then

function as a channel-friendly e-catalog and **manufacturer / dealer** locator that will showcase **manufacturers**' products and point consumers to retail members of the HomePoint Advantage Network.

The HomePoint Advantage Network is a sophisticated extranet platform that links **manufacturers** and retailers across the United States, streamlining the flow of product and information throughout the industry. The system is reshaping the home furnishings **supply chain**, allowing **manufacturers** to reach a broader customer base and retailers to greatly expand their product offering - ultimately giving consumers the benefits of better **product selection**, faster **delivery times** and a hands-on relationship with their local retailer. The redesign of...

...search for general product categories or specific brands, and then locate the **dealer** nearest them who offers that item.

File 8:Ei Compendex(R) 1970-2004/Oct W2  
     (c) 2004 Elsevier Eng. Info. Inc.  
 File 35:Dissertation Abs Online 1861-2004/Sep  
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     (c) 2003 EBSCO Pub.  
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Set	Items	Description
S1	7998265	FULFILL? OR DELIVER??? OR SHIP???? OR FREIGHT OR MAIL??? OR CARRIER? ? OR TRANSPORT? OR DISTRIBUT? OR CONSIGN? OR CONVEY? OR HAUL???
S2	74855	S1(5N)(WINDOW? ? OR TIMES OR TIME()FRAME? ? OR TIMEFRAME? ? OR PERIOD? ? OR INTERVAL? ?)
S3	7973	S2(5N)(DETERMIN? OR ESTIMAT??? OR IDENTIF? OR CALCULAT? OR ASCERTAIN? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG? OR EVALUAT? OR DISCERN? OR SELECT? OR CHOOS??? OR CHOSEN OR PICK??? OR SCHEDUL??? OR PLAN? ? OR PLANN???)
S4	1919903	MANUFACTUR???? OR SUPPLIER? ? OR VENDOR? ? OR PROVIDER? ? OR WHOLESALER? ? OR DEALER? ? OR SHIPPER? ? OR SHIPPING() (FIRM? ? OR COMPANY OR COMPANIES)
S5	137938	S1(7N)(ITEM? ? OR PRODUCT? ? OR GOODS OR MERCHANDISE)
S6	51	S3 AND S4 AND S5
S7	44	RD (unique items)
S8	7146	AU=(LORING S? OR ZORN W? OR SEARCY A? OR WAZANI I? OR JOYCE J? OR REEVES W? OR RODGERS M? OR WATERS C? OR LORING, S? OR - ZORN, W? OR SEARCY, A? OR WAZANI, I? OR JOYCE, J? OR REEVES, - W? OR RODGERS, M? OR WATERS, C?)
S9	0	AU=(AL WAZANI I? OR AL WAZANI, I?)
S10	2	S3 AND S8

7/5/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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08506849 E.I. No: EIP01035578603

Title: BNSF proposes car guarantee program

Author: Anon

Source: Random Lengths v 55 n 50 Dec 1999. 1p

Publication Year: 1999

CODEN: 002992 ISSN: 0483-9420

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 0104W4

Abstract: A guaranteed car supply and placement program proposed by the Burlington Northern and Santa Fe Railroad (BNSF) is getting a cool reception from skeptical forest products shippers in the West. The Loading Origin Guarantee (LOGS) is aimed at allowing BNSF customers to arrange for railcars four to 24 weeks in advance of a designated shipping period, through a weekly auction conducted on the BNSF website. The railroad will guarantee the availability of 60- and 73-foot centerbeam cars to winning bidders during the scheduled shipping period , or pay a penalty.

Descriptors: Wood products ; Railroad cars; Freight transportation

Identifiers: Auctions; Biddings

Classification Codes:

682.1.1 (Railroad Cars)

682.1 (Railroad Rolling Stock, General)

811 (Cellulose, Paper & Wood Products); 682 (Railroad Rolling Stock); 433 (Railroad Transportation)

81 (CHEMICAL PROCESS INDUSTRIES); 68 (RAILROAD ENGINEERING); 43 (TRANSPORTATION)

7/5/2 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)  
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07043345 E.I. No: EIP04408384159

Title: Modelling effects of logistical matching systems on transport

Author: Taniguchi, E.; Yamada, T.; Naka, Y.

Corporate Source: Department of Civil Engineering Kyoto University, Kyoto, Japan

Conference Title: Eighth International Conference on Urban Transport and the Environment for the 21st Century, URBAN TRANSPORT VIII

Conference Location: Seville, Spain Conference Date: 20020313-20020315

Sponsor: Wessex Institute of Technology, UK

E.I. Conference No.: 63542

Source: Advances in Transport Urban Transport VIII: Urban Transport and the Environment in the 21st Century 2002.

Publication Year: 2002

ISSN: 1462-608X

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical)

Journal Announcement: 0410W1

Abstract: This paper presents a model for evaluating the effects of logistical matching systems on transport. The logistical matching systems have become popular in the logistics industry. The systems provide a market through the Internet for shippers who offer their goods to be carried and freight carriers who offer a space in their trucks to carry goods. These systems are useful to efficiently use the vacant space in the trucks. The model application to a small road network showed that the systems are effective to reduce the freight transport costs as well as the total running times of pickup / delivery trucks. 2 Refs.

Descriptors: Freight transportation ; Electronic commerce; Job analysis; Trucks; Distribution of goods ; Traffic control; Transportation charges; Costs; Logistics; Computer simulation

Identifiers: Logistical matching; Freight carriers; Road networks

Classification Codes:

723.5 (Computer Applications); 663.1 (Heavy Duty Motor Vehicles); 431.5 (Air Navigation & Traffic Control); 404.1 (Military Engineering)  
431 (Air Transportation); 723 (Computer Software, Data Handling & Applications); 912 (Industrial Engineering & Management); 663 (Buses, Tractors & Trucks); 691 (Bulk Handling & Unit Loads); 911 (Cost & Value Engineering; Industrial Economics); 404 (Civil Defense & Military Engineering)  
43 (TRANSPORTATION); 72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT); 66 (AUTOMOTIVE ENGINEERING); 69 (MATERIALS HANDLING); 40 (CIVIL ENGINEERING, GENERAL)

7/5/4 (Item 4 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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05103116 E.I. No: EIP98084349548  
**Title: Single-item economic lot scheduling problem with rework**  
Author: Khouja, Moutaz J.  
Corporate Source: Univ of North Carolina at Charlotte, Charlotte, NC, USA  
Conference Title: Proceedings of the 1997 Annual Meeting of Decision Sciences Institute. Part 3 (of 3)  
Conference Location: San Diego, CA, USA Conference Date:  
19971122-19971125  
E.I. Conference No.: 48834  
Source: Proceedings - Annual Meeting of the Decision Sciences Institute v 3 1998. Decis Sci Inst, Atlanta, GA, USA. p 1373-1374  
Publication Year: 1998  
CODEN: PAMSED  
Language: English  
Document Type: CA; (Conference Article) Treatment: G; (General Review); T; (Theoretical)  
Journal Announcement: 9810W3  
Abstract: The single- item economic lot delivery problem is to determine the production and delivery interval of a component produced at a supplier site and shipped to an assembly facility which uses it at a constant rate. Previous solutions to the problem assume a constant production rate for each component at the supplier and that all the quantity produced is of acceptable quality. This assumption does not take into account volume flexibility and quality deterioration. In this paper, we develop and solve an economic lot delivery model for a supplier using a volume flexible production system where component quality depends on both the lot size and unit production time. We illustrate the models with numerical examples. (Author abstract)  
Descriptors: Production engineering; Scheduling; Quality control; Mathematical models; Flexible manufacturing systems; Production control  
Identifiers: Economic lot delivery problem (ELDP)  
Classification Codes:  
913.4.1 (Flexible Manufacturing Systems)  
913.1 (Production Engineering); 912.2 (Management); 913.3 (Quality Assurance & Control); 913.4 (Manufacturing); 913.2 (Production Control)  
913 (Production Planning & Control); 912 (Industrial Engineering & Management); 921 (Applied Mathematics)  
91 (ENGINEERING MANAGEMENT); 92 (ENGINEERING MATHEMATICS)

7/5/6 (Item 6 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04217796 E.I. No: EIP95072804326  
**Title: Time-variant lot sizing models for the warehouse scheduling problem**  
Author: Hariga, Moncer A.; Jackson, Peter L.  
Corporate Source: King Saud Univ, Riyadh, Saudi Arabia  
Source: IIE Transactions (Institute of Industrial Engineers) v 27 n 2 Apr 1995. p 162-170  
Publication Year: 1995

CODEN: IIETDM ISSN: 0740-817X

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review); T;  
(Theoretical)

Journal Announcement: 9509W5

Abstract: We consider the problem of scheduling the **delivery** of n **products** into a warehouse with limited space under the assumptions of continuous demands at constant rates, infinite horizon, and no backorders. The delivery schedule is described by a cyclic schedule with time-varying lot sizes. The order frequencies and the order sequence are assumed to be given. We formulate a linear program that **determines delivery times** relative to the cycle length to minimize the relative maximum space used and show that the optimal solution is characterized by filling the warehouse at each order. We bound the optimal solution by using a worst-case analysis and give conditions under which the linear program has the same optimal solution as a quadratic program that minimizes the holding cost. Under general conditions, we derive a bound on the cost penalty that results when using the optimal solution of the linear program as a solution to the quadratic program. Finally, we complete a solution to the nonlinear lot-sizing model by determining the best cycle length corresponding to the solution to the linear program and present a bound on a quality of this solution. (Author abstract) 22 Refs.

Descriptors: Scheduling; Materials handling; **Manufacture**; Mathematical models; Costs; Linear programming; Optimization

Identifiers: Delivery; Time-varying lot sizing; Quadratic programming  
Classification Codes:

912.2 (Management); 913.4 (Manufacturing); 921.5 (Optimization  
Techniques)

912 (Industrial Engineering & Management); 691 (Bulk Materials  
Handling); 913 (Production Planning & Control); 921 (Applied Mathematics)  
; 911 (Industrial Economics)

91 (ENGINEERING MANAGEMENT); 69 (MATERIALS HANDLING); 92 (ENGINEERING  
MATHEMATICS)

7/5/8 (Item 8 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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03824577 E.I. No: EIP94031243881

Title: Carrier negotiations: selecting the right transportation company

Author: Peters, Andru M.

Corporate Source: San Jose State Univ

Conference Title: Proceedings of the APICS 35th International Conference  
and Exhibition

Conference Location: Montreal, QUE, Can Conference Date:  
19921018-19921023

E.I. Conference No.: 19940

Source: Challenging Traditional Thinking Annual International Conference  
Proceedings - American Production and Inventory Control Society 1992. Publ  
by APICS, Falls Church, VA, USA. p 584-586

Publication Year: 1992

CODEN: AICSEO

Language: English

Document Type: CA; (Conference Article) Treatment: M; (Management  
Aspects)

Journal Announcement: 9405W1

Abstract: Purchasing professionals are the ones usually tasked with identifying, selecting, and auditing transportation companies for the delivery of materials. They must have a basic understanding of transportation negotiations to obtain the best transportation services at the lowest cost, while meeting the usual objectives of obtaining quality materials on the requested **delivery times**. After **selecting** and coordinating with a transportation company which services all **supplier** locations, they must maintain uninterrupted flow of materials while keeping inventory investment to a minimum. Details of the selection and negotiation techniques are presented.

Descriptors: Just in time production; Freight transportation; Purchasing;

Costs; Contracts; Industrial relations; Quality assurance; Personnel; Inventory control; **Distribution of goods**

Identifiers: Carrier negotiations; Delivery; Transportation company selection

Classification Codes:

913.2 (Production Control); 433.3 (Freight Railroad Transportation);

911.1 (Cost Accounting); 902.3 (Legal Aspects); 911.3 (Inventory Control); 691.2 (Materials Handling Methods)

913 (Production Planning & Control); 433 (Railroad Transportation); 911 (Industrial Economics); 902 (Engineering Graphics & Standards); 691 (Bulk Materials Handling)

91 (ENGINEERING MANAGEMENT); 43 (TRANSPORTATION); 90 (GENERAL ENGINEERING); 69 (MATERIALS HANDLING)

7/5/9 (Item 9 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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03824576 E.I. No: EIP94031243880

Title: **Excess supplier lead times**

Author: Schaefer, Randall

Conference Title: Proceedings of the APICS 35th International Conference and Exhibition

Conference Location: Montreal, QUE, Can Conference Date: 19921018-19921023

E.I. Conference No.: 19940

Source: Challenging Traditional Thinking Annual International Conference Proceedings - American Production and Inventory Control Society 1992. Publ by APICS, Falls Church, VA, USA. p 581-583

Publication Year: 1992

CODEN: AICSEO

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review)

Journal Announcement: 9405W1

Abstract: The step towards greater responsiveness to market demands requires a closer study on excess **supplier** lead times. Excess **supplier** lead times create problems as they intertwine with delivery leadtimes, **manufacturing** lead times, and the amount of time between firming the master **schedule** and the anticipated **ship** date. Market forces dictate lead **times** because they are the key to competitiveness. As the procurement of each part of a product to be **manufactured** possesses different lead times, the established **manufacturing** and delivery lead times are disrupted, reducing the company's competitive edge. The strategies used in solving this problem are presented.

Descriptors: Production control; Inventory control; Purchasing; Strategic planning; Scheduling; **Manufacture**; **Distribution of goods**

Identifiers: Lead times; Planning horizon; **Manufacturing** resource planning

Classification Codes:

913.2 (Production Control); 911.3 (Inventory Control); 912.2

(Management); 913.4 (Manufacturing)

913 (Production Planning & Control); 911 (Industrial Economics); 912 (Industrial Engineering & Management)

91 (ENGINEERING MANAGEMENT)

7/5/12 (Item 12 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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02681973 E.I. Monthly No: EI8812118603

Title: **ESSENTIALS OF DELIVERY ANALYSIS.**

Author: Collins, Ronald D.

Corporate Source: Borg-Warner Automotive Inc, Muncie, IN, USA

Source: Quality Progress v 21 n 8 Aug 1988 p 55-57

Publication Year: 1988

CODEN: QUPRB3 ISSN: 0033-524X

Language: English  
Document Type: JA; (Journal Article) Treatment: M; (Management Aspects)  
; T; (Theoretical)  
Journal Announcement: 8812  
Abstract: In quantitative terms, delivery involves the design, approval, and purchase of equipment, tooling, and parts; plus the **manufacturing**, inspection, and **shipping time periods** - all **evaluated** against an agreed-upon date. This target date should be evaluated in two terms: deviation from target date, and delivery time. Delivery dates can be analyzed to compare different firms' **delivery** on similar **items** to evaluate each one as a potential **supplier**. The results of actual evaluations performed on three companies that make high-speed steel tooling are given. Control charts are shown for the individual delivery times expressed in terms of deviation from target date, and the moving ranges of **delivery times**. The control limits are **calculated** based on the average of moving ranges of successive points.

Descriptors: \*PRODUCTION CONTROL--\*Scheduling; STATISTICAL METHODS;  
QUALITY CONTROL--Management

Identifiers: TARGET DATE; DELIVERY TIME; CONTROL CHARTS

Classification Codes:

913 (Production Planning & Control); 912 (Industrial Engineering & Management); 922 (Statistical Methods)  
91 (ENGINEERING MANAGEMENT); 92 (ENGINEERING MATHEMATICS)

7/5/14 (Item 14 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)  
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01758646 E.I. Monthly No: EI8505035327 E.I. Yearly No: EI85030669

Title: PRIORITY PLANNING OF A DYNAMIC COMPLEX PRODUCT MIX: ELEMENTS FOR  
A COMPUTERIZED INTERFACE BETWEEN DELIVERY TIMES AND PLANT  
UTILIZATION.

Author: Lebeer, Chris

Corporate Source: General Electric Plastics BV, Bergen-Op-Zoom, Neth

Source: European Journal of Operational Research v 20 n 1 Apr 1985 p

34-47

Publication Year: 1985

CODEN: EJORDT ISSN: 0377-2217 ISBN: 0-13-782178-6

Language: ENGLISH

Document Type: JA; (Journal Article) Treatment: M; (Management Aspects)  
; T; (Theoretical)

Journal Announcement: 8505

Abstract: A framework is presented for the decision process of order planning in a business environment with a dynamic product mix consisting of both standard and non-standard products and with a limited machine capacity. The concept of a computerized interface between the priority planning process and the confirmed order file is presented. A simulation study is done to determine the relationship between different **manufacturing** strategies, delivery time policies and plant efficiency. The method is applied to the production of engineering plastic materials. 14 refs.

Descriptors: DECISION THEORY AND ANALYSIS; OPERATIONS RESEARCH;  
PRODUCTION CONTROL; PLASTICS--**Manufacture**

Identifiers: PRIORITY PLANNING; DYNAMIC COMPLEX PRODUCT MIX;  
COMPUTERIZED INTERFACE; DELIVERY TIMES ; PLANT UTILIZATION

Classification Codes:

922 (Statistical Methods); 912 (Industrial Engineering & Management);  
913 (Production Planning & Control); 815 (Plastics & Polymeric Materials)  
; 816 (Plastics, Plant Equipment & Processes)  
92 (ENGINEERING MATHEMATICS); 91 (ENGINEERING MANAGEMENT); 81  
(CHEMICAL PROCESS INDUSTRIES)

7/5/20 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC  
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

7421794 INSPEC Abstract Number: C2002-12-1290H-001

Title: A column generation approach to delivery planning over time with inhomogeneous service providers and service interval constraints

Author(s): Boland, N.; Surendonk, T.

Author Affiliation: Dept. of Math. & Stat., Melbourne Univ., Parkville, Vic., Australia

Journal: Annals of Operations Research vol.108 p.143-56

Publisher: Kluwer Academic Publishers,

Publication Date: 2001 Country of Publication: Netherlands

CODEN: AOREEV ISSN: 0254-5330

SICI: 0254-5330(2001)108L.143:CGAD;1-8

Material Identity Number: D430-2002-006

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P); Theoretical (T)

Abstract: We consider a problem of **delivery planning** over multiple time **periods**. **Deliveries** must be made to customers having nominated demand in each time period. Demand must be met in each time period by use of some combination of inhomogeneous service **providers**. Each service **provider** has a different delivery capacity, different cost of delivery to each customer, a different utilisation requirement, and different rules governing the spread of deliveries in time. The problem is to plan deliveries so as to minimise overall costs, subject to demand being met and service rules obeyed. A natural integer programming model was found to be intractable, except on problems with loose demand constraints, with gaps between best lower bound and best feasible solution of up to 35.1%, with an average of 15.4% over the test data set. In all but the problem with loosest demand constraints, Cplex 6.5 applied to this formulation failed to find the optimal solution before running out of memory. However a column generation approach improved the lower bound by between 0.6% and 21.9%, with an average of 9.9%, and in all cases found the optimal solution at the root node, without requiring branching. (23 Refs)

Subfile: C

Descriptors: goods distribution ; integer programming; linear programming

Identifiers: column generation approach; delivery planning over time; inhomogeneous service **providers** ; service interval constraints; delivery capacity; lower bound; transportation

Class Codes: C1290H (Systems theory applications in transportation); C1180 (Optimisation techniques)

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7/5/21 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

4936074 INSPEC Abstract Number: C9506-1290F-020

Title: Global supply chain management at Digital Equipment Corporation

Author(s): Arntzen, B.C.; Brown, G.G.; Harrison, T.P.; Trafton, L.L.

Author Affiliation: Syst. Manuf. & logistics Group, Digital Equipment Corp., Maynard, MA, USA

Journal: Interfaces vol.25, no.1 p.69-93

Publication Date: Jan.-Feb. 1995 Country of Publication: USA

CODEN: INFAC4 ISSN: 0092-2102

U.S. Copyright Clearance Center Code: 0092-2102/95/2501/0069\$01.25

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Theoretical (T)

Abstract: Digital Equipment Corporation evaluates global supply chain alternatives and determines worldwide **manufacturing** and distribution strategy, using the global supply chain model (GSCM) which recommends a production, distribution, and **vendor** network. GSCM minimizes cost or weighted cumulative production and **distribution times** or both subject to meeting **estimated** demand and restrictions on local content, offset trade, and joint capacity for multiple products, echelons, and time periods. Cost factors include fixed and variable production charges, inventory charges, distribution expenses via multiple modes, taxes, duties, and duty drawback. GSCM is a large mixed-integer linear program that incorporates a global, multiproduct bill of materials for supply chains

with arbitrary echelon structure and a comprehensive model of integrated global **manufacturing** and distribution decisions. The supply chain restructuring has saved over \$100 million (US). (16 Refs)

Subfile: C

Descriptors: DP industry; **goods distribution**; integer programming; linear programming

Identifiers: global supply chain model; Digital Equipment Corporation; DEC; worldwide **manufacturing** strategy; worldwide distribution strategy; cost minimization; weighted cumulative time minimization; production charges; inventory charges; distribution expenses; taxes; duty drawback; large mixed-integer linear program; global multiproduct bill of materials

Class Codes: C1290F (Systems theory applications in industry); C0200 (General computer topics); C1180 (Optimisation techniques)

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7/5/22 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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04173306 INSPEC Abstract Number: C9207-1290F-084

Title: Determination of nested reorder intervals in a distribution network

Author(s): Iyogun, P.

Author Affiliation: Sch. of Bus. & Econ., Wilfrid Laurier Univ., Waterloo, Ont., Canada

Journal: International Journal of Production Economics vol.27, no.1 p.23-8

Publication Date: April 1992 Country of Publication: Netherlands

ISSN: 0925-5273

U.S. Copyright Clearance Center Code: 0925-5273/92/\$05.00

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: Presents a practical method for the **determination** of reorder intervals in a coordinated **distribution** network. The method is for nested policies where a facility replenishes whenever its **supplier** replenishes. The solution algorithm is computationally simpler than existing algorithms for this problem, and can easily be implemented in a system with several warehouses and retail outlets and a large number of items. (10 Refs)

Subfile: C

Descriptors: computational complexity; **goods distribution**; stock control

Identifiers: computational complexity; nested reorder intervals; coordinated distribution network; warehouses; retail outlets

Class Codes: C1290F (Industry); C4240 (Programming and algorithm theory)

7/5/23 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03982174 INSPEC Abstract Number: C91061633

Title: Reorganization of order processing. Example: medium sized special machine manufacturer

Author(s): Fuhrberg-Baumann, J.; Muller, R.

Journal: VDI-Z vol.133, no.7 p.52-7

Publication Date: July 1991 Country of Publication: West Germany

CODEN: VZGTAJ ISSN: 0042-1766

Language: German Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: In cooperation with the Fraunhofer Institut fur Arbeitswirtschaft und Organisation (IAO), a structure for order processing was developed by a medium-sized company of the capital goods sector. An extensive analysis revealed development potentials and possibilities for restructuring. A concept for an integrated order processing in the form of sales units was derived from the analyses. The sales unit concept offers the possibility of reducing delivery times and warranting schedule

effectiveness. The market position is maintained and expanded in the long run. Functional integration and job enlargement create attractive jobs. The introduction of sales units is a stepwise process. The reorganisation of special areas, responsibilities and structuring of operations must be based on the conviction and the support of all parties involved. (0 Refs)

Subfile: C

Descriptors: goods distribution ; management

Identifiers: order processing; Fraunhofer Institut fur Arbeitswirtschaft und Organisation; IAO; capital goods.

Class Codes: C0130 (Economic, social and political aspects); C1290F (Industry)

7/5/24 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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02701012 INSPEC Abstract Number: D86001746

Title: Hewlett-Packard-not just factories and instruments (software products)

Author(s): Holloway, N.

Journal: Business Software Review (UK Edition) vol.2, no.3 p.36-7

Publication Date: April 1986 Country of Publication: UK

CODEN: BRUEEA

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Strong as it is in manufacturing and instrumentation, there is another facet to Hewlett Packard-commercial applications in the form of Integrated Information Management (IIM). Products include software for distribution management, automatic warehousing, inventory control, vehicle scheduling, cash and carry and retail, as well as cross-industry applications like accounting and office productivity. IIM consists of three groups-Distributed Data Processing, providing distributed solutions for the Times 1000 companies, General Purpose Business Computing, sold to medium sized companies, and Office Automation, providing electronic mail, graphics, word processing and telex interface. (0 Refs)

Subfile: D

Descriptors: accounting; computer graphics; distributive data processing; electronic mail; office automation; software packages; stock control; telephony; warehouse automation; word processing

Identifiers: commercial software applications; Hewlett-Packard; Integrated Information Management; distribution management; automatic warehousing; inventory control; vehicle scheduling; accounting; office productivity; Distributed Data Processing; General Purpose Business Computing; Office Automation; electronic mail; graphics; word processing; telex interface

Class Codes: D2000 (Applications); D2020 (Design and graphics); D2050B (Accounting); D2070 (Industrial and manufacturing); D2140 (Marketing, retailing and distribution); D4020 (Electronic mail); D4080 (Telex)

7/5/29 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-Eplus

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04976711 JICST ACCESSION NUMBER: 01A0685334 FILE SEGMENT: JICST-E

Sanyo Production and Sales Managing System.

KOBAYASHI MASAHIRO (1)

(1) Sanyo Spec. Steel Co., Ltd.

San'yo Tokushu Seiko Giho(Sanyo Technical Report), 2001, VOL.8,NO.1,  
PAGE.96-98, FIG.4

JOURNAL NUMBER: L2166AAO ISSN NO: 1340-6825

UNIVERSAL DECIMAL CLASSIFICATION: 669.1 658.51

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: In the Sanyo Special Steel Co., Ltd., problems such as storage

formation of super express products and stayed products due to mismatch between **delivery** requirement and **products** storage, and **products** over-storage at hard times and too few storage at good times due to about a half year delay of production adjustment against wave of business at a period of two or three years existed clearly. For overcomming these problems, the titled system was finished on May, 2000. The framework of this system construction was 1) information network between companies, 2) basic MRP (required production) computing apparatus, and 3) production planning system. At first, real-time storage data and use-planning information on every goods of main data for MRP computation are took in. And then, by using the MRP computing apparatus of a host computer, production timing of main processes such as steelmaking, rolling and so on and operation **period** required for production and **products transportation** in every **goods** were **computed**, and by the obtained use-planning information, products consuming-planning volume at the necessary operation time was obtained. From this volume, safe storage settled for every goods was reduced, to obtain production required volume at every production timing. As this result, here was described that a consistent production management system for producing 'required products, for only required volume, at required time' was constructed.

DESCRIPTORS: production management; inventory control; MRP; MRP system; information network; construction period; process planning; steel industry

BROADER DESCRIPTORS: management; plan; system; network; period(duration); production planning; **manufacturing** industry; industry

CLASSIFICATION CODE(S): WD01010X; KB03010T

7/5/30 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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02372525 JICST ACCESSION NUMBER: 95A0367003 FILE SEGMENT: JICST-E  
**LSI Delivery Management System Using Lot Sampling Scheduling Method for ASIC Production Line.**

YOSHIZAWA M (1); ARAI E (1); SAKURAI T (2)

(1) NTT LSI Lab., Atsugi-shi, JPN; (2) NTT Electronics Technology, Atsugi-shi, JPN

IEICE Trans Electron(Inst Electron Inf Commun Eng), 1995, VOL.E78-C,NO.3, PAGE.222-228, FIG.8, TBL.2, REF.6

JOURNAL NUMBER: L1370AAA ISSN NO: 0916-8524

UNIVERSAL DECIMAL CLASSIFICATION: 621.382.002.2 658.511/.516

LANGUAGE: English COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: A novel delivery management system using a new lot sampling scheduling (LSS) method has been developed. The method involves the concepts of "virtual line" and "marker lot", and the system consists of an on-line scheduler executing short-period scheduling for lot-tracking and an off-line **scheduler** executing long- **period** **scheduling** for **delivery** date simulation. The LSS method can hugely increase the maximum number of lots to simulate the delivery date and also control TAT more effectively compared to conventional dynamic scheduling. Lot progress is controlled by varying the resource allocation ratio for each virtual line. This method is effective for precise delivery date control of lots with various priorities in ASIC production or development lines. (author abst.)

DESCRIPTORS: ASIC; lot production; turn around time(computer); CIM(**manufacturing** ); scheduling; production line; production management system; **delivery** of **goods** ; production management; production planning; sampling inspection

BROADER DESCRIPTORS: integrated circuit; micro circuit; production method; method; computer processing characteristic; computer characteristic; characteristic; time; computer application; utilization; production process; process(production); process; production process(control); system; management; plan; inspection

7/5/35 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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04124705 Genuine Article#: RF919 Number of References: 31  
**Title: THE ECONOMIC LOT AND DELIVERY SCHEDULING PROBLEM - THE COMMON CYCLE CASE**

Author(s): HAHM J; YANO CA

Corporate Source: SEOUL NATL UNIV,DEPT IND ENGN/SEOUL//SOUTH KOREA/; UNIV CALIF BERKELEY,DEPT IND ENGN & OPERAT RES/BERKELEY//CA/94720; SEOUL NATL UNIV,CTR TECHNOL RES & APPLICAT/SEOUL//SOUTH KOREA/; SEOUL NATL UNIV,DEPT IND ENGN/SEOUL//SOUTH KOREA/; AT&T BELL LABS,TECH STAFF/NAPERVILLE//IL/60566; UNIV MICHIGAN,DEPT IND & OPERAT ENGN/ANN ARBOR//MI/48109

Journal: IIE TRANSACTIONS, 1995, V27, N2 (APR), P113-125

ISSN: 0740-817X

Language: ENGLISH Document Type: ARTICLE

Geographic Location: SOUTH KOREA; USA

Subfile: SciSearch; CC ENGI--Current Contents, Engineering, Technology & Applied Sciences

Journal Subject Category: OPERATIONS RESEARCH & MANAGEMENT SCIENCE; ENGINEERING, INDUSTRIAL

Abstract: We analyze the interface between a **supplier** and an assembly facility, where direct shipments are made from one to the other. The final **manufacturing** step at the **supplier** involves multiple components produced on a single machine or production line. The assembly facility uses these components at a constant rate. The **supplier** incurs a sequence-independent setup cost and/or setup time each time the production line is changed over from one component to another. On the other hand, setup costs and times for the assembly facility are negligible. We consider two types of delivery cost: a fixed charge for each delivery, and a fixed-charge-per-truck cost.

We develop a heuristic procedure to find a 'just-in-time' schedule in which one production run of each **product** and a subsequent **delivery** of these **products** to the assembly facility occur in each cycle. The objective is to find the cycle duration that minimizes the average cost per unit time of transportation, inventory at both the **supplier** and the assembly facility, and setup costs at the **supplier**. We also develop an error bound for this procedure, and use some of the insights gained from the analysis to explain how delivery schedules can influence the attractiveness of reductions in production setup costs.

Identifiers--KeyWords Plus: PRODUCTION-DISTRIBUTION SYSTEMS; ASSEMBLY SYSTEMS; SIZE DETERMINATION ; REORDER INTERVALS ; INVENTORY; TRANSPORTATION; COSTS; POLICIES

Research Fronts: 93-0290 001 (GENETIC ALGORITHMS; ECHELON STOCK POLICIES FOR MULTILEVEL INVENTORY CONTROL; BOUNDED SPLIT DELIVERY VEHICLE-ROUTING PROBLEM)

Cited References:

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LIPPMAN SA, 1971, V18, P39, MANAGE SCI  
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TAHA HA, 1970, V2, P157, AIIE T  
WILLIAMS JF, 1982, V28, P1341, MANAGE SCI

7/5/36 (Item 3 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2004 Inst for Sci Info. All rts. reserv.

02575600 Genuine Article#: LM630 Number of References: 19

**Title: A DYNAMIC DISTRIBUTION MODEL WITH WAREHOUSE AND CUSTOMER REPLENISHMENT REQUIREMENTS**

Author(s): CHANDRA P

Corporate Source: MCGILL UNIV, FAC MANAGEMENT, 1001 SHERBROOKE ST W/MONTREAL H3A 1GS/PQ/CANADA/; MCGILL UNIV, GERAD/MONTREAL H3A 1GS/PQ/CANADA/

Journal: JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, 1993, V44, N7 (JUL), P681-692

ISSN: 0160-5682

Language: ENGLISH Document Type: ARTICLE

Geographic Location: CANADA

Subfile: SocSearch; SciSearch; CC ENGI--Current Contents, Engineering, Technology & Applied Sciences; CC SOCS--Current Contents, Social & Behavioral Sciences

Journal Subject Category: OPERATIONS RESEARCH & MANAGEMENT SCIENCE

Abstract: This paper addresses a multiperiod integrated model that plans deliveries to customers based upon inventories (at warehouse and customer locations) and vehicle routes. The model **determines** replenishment quantities and **intervals** at the warehouse, and **distribution** lots and delivery routes at customer locations. We investigate coordination of customer and warehouse replenishment decisions and illustrate their interdependence. Computational experience on randomly generated problems is reported. We show that ordering policy at the warehouse is a function of how **goods** are **distributed** to lower echelons and that coordination leads to cost reduction.

Descriptors--Author Keywords: INVENTORY ; LOGISTICS ; VEHICLE ROUTEING ; HEURISTICS ; SUPPLY CHAIN COORDINATION

Identifiers--KeyWords Plus: ALLOCATION; COSTS

Research Fronts: 91-0290 003 (DYNAMIC INVENTORY MODEL; FLEXIBLE MANUFACTURING SYSTEMS; KANBAN DISCIPLINE FOR CELL COORDINATION; MULTILEVEL LOT-SIZING PROBLEM; IMPACT OF UNCERTAINTY)

91-1107 001 (FACILITY LOCATION; LARGE-SCALE SYMMETRICAL TRAVELING SALESMAN PROBLEMS; FAST ALGORITHM FOR SIMULATED ANNEALING; IRON CATALYST)

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DROR M, 1987, V34, P891, NAV RES LOG  
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SAVELSBERGH MWP, 1988, THESIS CENTR WISK IN  
SILVER EA, 1985, DECISION SYSTEMS INV  
SILVER EA, 1973, V14, P64, PRODUCTION INVENTORY  
WAGNER HM, 1958, V5, P89, MANAGE SCI

7/5/39 (Item 2 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

06402760  
C&A rolls out ELIAS to suppliers  
EUROPE: C&A DISTRIBUTION SYSTEM UPGRADED  
Retail Week (RWK) 29 Nov 1996 p.1  
Language: ENGLISH

C&A, European clothes retail chain, has improved the quality assurance programme for goods distributed to its European stores from its UK suppliers <November 1996>. Quality control will take place at a new Milton Keynes distribution point, rather than upon arrival at the final destination. C&A plans to reduce delivery times from its UK suppliers to Europe via this new ELIAS logistics system. The Milton Keynes site, operated by Daly Transport Services (DLT) and opened in November 1996, will deliver all goods under a common carriage and customs document. By April 1997 the central depot is expected to achieve an annual processing capacity of 35mn garments.

COMPANY: DLT; DALY TRANSPORT SERVICES; C&A

PRODUCT: Retail Trade (5200);  
EVENT: Production Management (23); Use of Materials & Supplies (46);  
Product Standards (35); Planning & Information (22);  
COUNTRY: European Community (4EC);

7/5/44 (Item 1 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
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00127359 DOCUMENT TYPE: Review

PRODUCT NAMES: Webvan (780545); Kozmo.com (002372)

TITLE: Rapid Delivery in Cyberspace  
AUTHOR: Noack, David  
SOURCE: Link-Up, v17 n6 p25(1) Nov/Dec 2000  
ISSN: 0734-988X  
HOMEPAGE: <http://www.infotoday.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Online merchants are working with a new breed of rapid delivery service to make a concerted effort to move merchandise to customers very quickly and to thus gain competitive edge. Delivery times aimed for may be as short as an hour after receipt of an order or a few hours after. Although conventional delivery services are not yet able to deal with on-demand orders, but each provider is attempting to determine if it can compete with startups such as Webvan, Kozmo, urbanFetch, Streamline, and Barnes & Noble. Forrester Research says over 50 million households will shop online by 2004, and the rapid delivery services continue to add new merchandise to their deliverables. A survey by Yankee Group reveals that many online shoppers want better delivery, especially because they do not want to pay

shipping costs, someone must be home to receive deliveries, and delivery takes too long. Webvan delivers groceries and also does many errands for consumers, including trips to the post office or pet store. **Deliveries** are scheduled in a specific **window** of time. Kozmo also **delivers** convenience and entertainment **items** at no extra cost in a 1-hour delivery to home or office. UrbanFetch.com added wine **delivery** to its **product** list, and Barnes & Noble works with CitySpring for same day book delivery.

File 348:EUROPEAN PATENTS 1978-2004/Oct W01

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File 349:PCT FULLTEXT 1979-2002/UB=20041014,UT=20041007

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	1020853	FULFILL? OR DELIVER??? OR SHIP???? OR FREIGHT OR MAIL??? OR CARRIER? ? OR TRANSPORT????? OR DISTRIBUT? OR CONSIGN????? OR CONVEY???? OR HAUL???
S2	33990	S1(5N)(WINDOW? ? OR TIMES OR TIME()FRAME? ? OR TIMEFRAME? ? OR PERIOD? ? OR INTERVAL? ?)
S3	3162	S2(5N)(DETERMIN? OR ESTIMAT??? OR IDENTIF? OR CALCULAT? OR ASCERTAIN? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG? OR EVALUAT? OR DISCERN? OR SELECT? OR CHOOS??? OR CHOSEN OR PICK??? OR SCHEDUL??? OR PLAN? ? OR PLANN???)
S4	635046	MANUFACTUR??? OR SUPPLIER? ? OR VENDOR? ? OR PROVIDER? ? OR WHOLESALER? ? OR DEALER? ? OR SHIPPER? ? OR SHIPPING()(FIRM? ? OR COMPANY OR COMPANIES)
S5	68380	S1(7N)(ITEM? ? OR PRODUCT? ? OR GOODS OR MERCHANDISE)
S6	1089	S2(5N)(SELECT??? OR IDENTIF???? OR IDENTIFICATION)
S7	26	(S3 OR S6)(30N)S4(30N)S5(30N)(FULFILLMENT OR LOGISTIC? OR - SHIPPING OR FACTORY OR FACTORIES OR SUPPLY()CHAIN? ?)
S8	43	(S3 OR S6)(50N)S4(50N)S5(50N)(FULFILLMENT OR LOGISTIC? OR - SHIPPING OR FACTORY OR FACTORIES OR SUPPLY()CHAIN? ?)
S9	67	(S3 OR S6)(50N)S4(50N)S5
S10	34	S9 NOT S8

01616049

**Retail order processing method**

**Verfahren zur Verarbeitung von Einzelhandelsbestellungen**

**Methode de traitement de commandes de vente**

**PATENT ASSIGNEE:**

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Mackson, Richard G., c/o Eastman Kodak Company, Patent Legal Staff, 343  
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**LEGAL REPRESENTATIVE:**

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,  
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**PATENT (CC, No, Kind, Date):** EP 1333655 A2 030806 (Basic)  
EP 1333655 A3 030924

**APPLICATION (CC, No, Date):** EP 2003075174 030120;

**PRIORITY (CC, No, Date):** US 62343 020131

**DESIGNATED STATES:** DE; FR; GB; IT

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO

**INTERNATIONAL PATENT CLASS:** H04N-001/00

**ABSTRACT WORD COUNT:** 104

**NOTE:**

Figure number on first page: 3

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200332	669
SPEC A	(English)	200332	3816
Total word count - document A			4485
Total word count - document B			0
Total word count - documents A + B			4485

...SPECIFICATION Transport vehicle 74 delivers transport media 70 to a wholesale or processing laboratory operated by a service provider 80. Service provider 80 receives pickup bag 72 from transport vehicle 74. The contents of pickup bag 72 are registered with an operations computer 82 used for controlling the services provided by service provider 80 at the processing laboratory, such as film processing and digitizing 84, hardcopy print 85 fulfillment via digital printer 86, media writing via media writer 88 and return routing of a delivery bag...

...promotional database 98.

Order processing block 92 reads transfer media 70 and controls the appropriate resources to deliver the ordered products and/or services requested by the user. Kiosk database 94 comprises information associated with various image producing devices 10 which are serviced/supported by service provider 80. This information can include the location of the image producing devices 10, the scheduled delivery / pickup times, the current version of software that operates the image producing devices, the maintenance records and any other...

SUPPLY CHAIN MANAGEMENT SYSTEM AND MANAGEMENT PROGRAM  
LIEFERANTENMANAGEMENTSYSTEM UND MANAGEMENTPROGRAMM  
SYSTEME DE GESTION DE CHAINE LOGISTIQUE ET PROGRAMME DE GESTION  
PATENT ASSIGNEE:  
Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:  
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KAWABE, Takuya c/o SONY MARKETING (JAPAN) INC., 4-10-18, Takanawa  
Minato-ku, Tokyo 108-0074, (JP)  
SHIMOZONO, Kazuaki c/o SONY MARKETING (JAPAN) INC., 4-10-18, Takanawa  
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KENMOCHI, Kai c/o SONY MARKETING (JAPAN) INC., 4-10-18, Takanawa  
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LEGAL REPRESENTATIVE:  
DeVile, Jonathan Mark, Dr. et al (91151), D. Young & Co 21 New Fetter  
Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1416405 A1 040506 (Basic)  
WO 2003014991 030220

APPLICATION (CC, No, Date): EP 2002755822 020805; WO 2002JP7964 020805  
PRIORITY (CC, No, Date): JP 2001238374 010806

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 162

NOTE:

Figure number on first page: 2

LANGUAGE (Publication, Procedural, Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200419	1815
SPEC A	(English)	200419	9190
Total word count - document A			11005
Total word count - document B			0
Total word count - documents A + B			11005

...SPECIFICATION time comes, or when a request is made by the distributor terminal apparatus 211 or the part **manufacturer** terminal apparatus 221) and has a function of reading the actual sales information from the actual sales...

...509 calculates the number of deliverable units of each finished product for each period using the part **delivery schedule** information received by the part delivery schedule information acquiring means 508 from each part manufacturer terminal apparatus. The finished product delivery schedule information creating means 509 references the finished **product** demand forecast information for each **distributor** stored in the finished **product** demand forecast information recording means 505, calculates the number of deliverable units assignable to each **distributor**, and creates finished **product delivery** schedule information. This finished **product delivery** schedule information is in a state in which it is aggregated for each distributor.

The finished produce delivery schedule information providing means 510 operates to receive the finished **product delivery** schedule information in a state in which it is aggregated for each distributor and provides this for the associated distributor terminal apparatus.

(Example of Operation of Supply Chain Management System)

Next, description is made for the operation of the **supply chain** management system having the aforementioned configuration with reference to Figs. 6 to 15.

Fig. 6 is an...

01417279

**Production control system and method for producing air conditioners**

**System und Verfahren zur Steuerung der Produktion von Klimaanlagen**

**Système et méthode de contrôle de la production des climatiseurs**

**PATENT ASSIGNEE:**

MITSUBISHI DENKI KABUSHIKI KAISHA, (208589), 2-3, Marunouchi 2-chome,  
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Yoko, Hashimoto, Mitsubishi Denki K.K., 2-3, Marunouchi 2-chome,  
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Mitsunori, Kurachi, Mitsubishi Denki K.K., 2-3, Marunouchi 2-chome,  
Chiyoda-ku, Tokyo 100-8310, (JP)  
Akinori, Toyoda, Mitsubishi Denki K.K., 2-3, Marunouchi 2-chome,  
Chiyoda-ku, Tokyo 100-8310, (JP)

**LEGAL REPRESENTATIVE:**

Popp, Eugen, Dr. et al (38661), MEISSNER, BOLTE & PARTNER  
Widenmayerstrasse 48, 80538 Munchen, (DE)

**PATENT (CC, No, Kind, Date): EP 1197891 A1 020417 (Basic)**

**APPLICATION (CC, No, Date): EP 2001108156 010330;**

**PRIORITY (CC, No, Date): JP 2000173630 000609**

**DESIGNATED STATES: DE; ES; FR; GB; IT**

**EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI**

**INTERNATIONAL PATENT CLASS: G06F-017/60**

**ABSTRACT WORD COUNT: 78**

**NOTE:**

Figure number on first page: 4

**LANGUAGE (Publication, Procedural, Application): English; English; English**

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200216	804
SPEC A	(English)	200216	9857
Total word count - document A			10661
Total word count - document B			0
Total word count - documents A + B			10661

...SPECIFICATION the manufacturing practice data of the customized products, are received by an assembling section 41 of the **manufacturing** line. In the manufacturing section, the assembly parts for the respective functional blocks, which have been procured...

...based on the production shipment information on the delivery dates and the delivery locations of the respective **products** read out of the order acceptance data and on the production progress data at the manufacturing line...

...A delivery plan routine 52 carries out management of shipping operations by reading out information on the **shipping** cartons and the quantity of the customized **products**, regions of receivers and **delivery** dates and preparing arrangement plans of transport vehicles. Thus, effective **transport** operations can be carried out, the customized **products** may be carried directly to the receivers from the factory without being stored in the warehouse before...

...S6 includes a receiver management routine 61, which managements the names and the places of receivers and **delivery** times of customized **products** to be **delivered** based on information produced at the production order preparation routine 13 in the order acceptance management means...

...quality management routine 62, which holds and manages information on the quality and the maintenance of the **products** to be **delivered** based

on the information. The receiver management routine 61 is linked with the delivery plan routine 52....

...by customers and dates available for shipment at the factory.

As explained, the data, such as the **product** specifications, the **product delivery** times, the production schedules and the work progress statuses of the customized products are collectively managed by...

...reduce the inventory for distribution. The operations from the acceptance of orders to the production and the **shipment** of **products** can be constituted as a series of operations using the computer to improve business efficiency by a...

8/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01362119

TRANSACTION SUPPORTING FACILITY AND TRANSACTION SUPPORTING METHOD  
TRANSAKTSUNTERSTUTZUNGSEINRICHTUNG UND TRANSAKTIONSSUPPORTSVERFAHR  
EN

DISPOSITIF DE SUPPORT DE TRANSACTIONS ET PROCEDE DE SUPPORT DE TRANSACTIONS  
PATENT ASSIGNEE:

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KANEKO, Masato, 3-2-21-A106, Tarumachi Kohoku-ku, Yokohama-shi Kanagawa  
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PATENT (CC, No, Kind, Date): EP 1284464 A1 030219 (Basic)  
WO 2001075721 011011

APPLICATION (CC, No, Date): EP 2001904401 010213; WO 2001JP988 010213

PRIORITY (CC, No, Date): JP 2000101610 000403; JP 2000111332 000412

DESIGNATED STATES: DE; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60; B65G-001/137

ABSTRACT WORD COUNT: 118

NOTE:

Figure number on first page: 05

LANGUAGE (Publication, Procedural, Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200308	5183
SPEC A	(English)	200308	24508
Total word count - document A			29691
Total word count - document B			0
Total word count - documents A + B			29691

...CLAIMS and which stores said purchase conditions as purchase condition data in a memory means in association with **shippers** show submitted said purchase conditions;

an automatic extraction means which extracts data that satisfies the shipping conditions...

...by said matching means, in accordance with the offer prices and purchase prices submitted by said respective **product distributors** and **shippers**; and

a difference managing means which manages the differences between the purchase prices and offer prices that...

...said buying and selling supporting means.

36. The transaction supporting facility according to Claim 35, wherein:  
said **product distributor** input supporting means is a means which  
receives desired periods for the determination of matching that are  
desired by the **product distributors**, and adds said data to said  
offer condition data;  
said shipper input supporting means is a means which receives desired  
periods for the determination of matching that are desired by the  
**shippers**, and adds said data to said purchase condition data; and  
said automatic extraction means is a means...

...the predetermined data and time of determination, offer condition data  
and purchase condition data that satisfy said **shipping** conditions,  
and that have desired **periods** for the **determination** of matching  
that include said predetermined date and time of determination.

37. The transaction supporting facility according...

...and the purchase prices included in the respective purchase condition  
data sets are disclosed only to the **product distributors** and  
**shippers** who submitted said prices.

40. The transaction supporting facility according to Claim 35 through  
Claim 39, wherein...

**8/3,K/7 (Item 7 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS

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01164145

**SALES ASSISTING SYSTEM**  
**VERKAUFSASSISTENTS-SYSTEM**  
**SYSTEME AUXILIAIRE DE VENTES**

**PATENT ASSIGNEE:**

AMADA COMPANY LIMITED, (925360), 200 Ishida Iseharashi, Kanagawa-ken,  
(JP), (Applicant designated States: all)

**INVENTOR:**

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**LEGAL REPRESENTATIVE:**

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**PATENT (CC, No, Kind, Date): EP 1134686 A1 010919 (Basic)**  
WO 200025243 000504

**APPLICATION (CC, No, Date): EP 99951099 991027; WO 99JP5946 991027**

**PRIORITY (CC, No, Date): JP 98306007 981027; JP 98320971 981111**

**DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;**  
**LU; MC; NL; PT; SE**

**EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI**

**INTERNATIONAL PATENT CLASS: G06F-017/60**

**ABSTRACT WORD COUNT: 142**

**NOTE:**

Figure number on first page: 1

**LANGUAGE (Publication, Procedural, Application): English; English; Japanese**  
**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200138	3948
SPEC A	(English)	200138	17761
Total word count - document A			21709
Total word count - document B			0
Total word count - documents A + B			21709

...SPECIFICATION accurately and swiftly when the personnel in charge of sales visits the customer, and by designing and **manufacturing** the product ordered precisely and quickly.

Fig.10 to Fig.24 shows in detail the system that...

...system are the optimum production scheduler (OMS) and the optimum stock scheduler (OSS) that consist of the **product** facility management system 59 and the **shipping** agency management system 61 and may be organized as an expert system structured as a knowledge base...

...manufacture facilities (1) which has a large daily production, (2) which possess most suitable materials for partially **manufactured** products) will be given priority as the **manufacturing** facility.

The facility that gives the minimum time for delivery (the delivery time is based on the sum of the production **period** and the **delivery period**).

This system also **selects** the most suitable maker automatically and instructs production automatically and also based on the proper amount of

...order, will issue instructions for production to supplement storage.

This system also automatically selects the most suitable **shipping** agent and automatically gives orders for shipment and delivery.

The most suitable maker is a **factory** of the producer or an outside maker that may complete **manufacture** and delivery within the delivery time requested by the customer, possesses material (including semi-finished products) to...

**8/3,K/8 (Item 8 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS  
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00723380

**System for automatically controlling and tracking inventory level activity**  
**Elektronisches System zur Steuerung und Überwachung von**  
**Inventaraktivitätsniveau**  
**Système pour la commande et la surveillance automatique du niveau**  
**d'activité d'un inventaire**

PATENT ASSIGNEE:

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EP 683466 A3 970129  
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CLAIMS A	(English)	EPAB95	339
CLAIMS B	(English)	200117	386
CLAIMS B	(German)	200117	362
CLAIMS B	(French)	200117	464
SPEC A	(English)	EPAB95	5619
SPEC B	(English)	200117	5440
Total word count - document A			5959
Total word count - document B			6652
Total word count - documents A + B			12611

...SPECIFICATION the receiver computer and transaction generator, between the transaction generator and the business controller, or between the **manufacture** computer and business controller via varying electronic communication means.

The system provides a method that enables distributor purchase orders (i.e., any orders for inventory or other **goods** ), order acknowledgments, advanced **shipping** notices, orders in transit, receipt acknowledgments, invoices, price discrepancy claims and quantity disputes, overage/shortage claims, payment...

...and to be electronically processed. The processed information may then be monitored (or shared) by both the **provider** and receiver of goods without the traditional use of paper forms and the time lag inherent in ...

...adept at electronically and automatically implementing many of the labor intensive traditional business operations. Communication between a **manufacturer** and the **manufacturer**'s distributors is essential not only for placement and coordination of **shipping** orders, but for determining real inventory levels in an effort to reduce inventory cost. Further, the method and system of this invention automates the process for **determining** expected **shipping times**, **delivery** dates and timely resolution of claims resulting from discrepancies between an order placed and a order received...

...100 of the present invention. Included in the figure is a block 110 which schematically represents a **manufacturer**'s ( **provider**'s) network or mainframe computer, a business activity controller apparatus (business controller) preferably located at the **manufacturer** location in this embodiment 120, a distributor network or receiver mainframe computer 130 linked via link 140...

...SPECIFICATION the receiver computer and transaction generator, between the transaction generator and the business controller, or between the **manufacture** computer and business controller via varying electronic communication means.

The system provides a method that enables distributor purchase orders (i.e., any orders for inventory or other **goods** ), order acknowledgments, advanced **shipping** notices, orders in transit, receipt acknowledgments, invoices, price discrepancy claims and quantity disputes, overage/shortage claims, payment...

...be electronically processed. The processed information may then be monitored (or shared) by both the provider and **distributor** of **goods** without the traditional use of paper forms and the time lag inherent in human processing.

The invention...

...adept at electronically and automatically implementing many of the labor intensive traditional business operations. Communication between a **manufacturer** and the **manufacturer**'s distributors is essential not only for placement and coordination of **shipping** orders, but for determining real inventory levels in an effort to reduce inventory cost. Further, the method and system of this invention automates the process for **determining** expected **shipping times**, **delivery** dates and timely resolution of claims resulting from discrepancies between an order placed and a order received...

...the present invention as claimed. Included in the figure is a block 110 which schematically represents a **manufacturer**'s (**provider**'s) network or mainframe computer, a business activity controller apparatus (business controller) preferably located at the **manufacturer** location in this embodiment 120, a distributor network or receiver mainframe computer 130 linked via link 140...

8/3,K/12 (Item 3 from file: 349)  
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01038347 \*\*Image available\*\*

**SUPPLIER PERFORMANCE REPORTING**

**ETABLISSEMENT DE RAPPORTS RELATIFS A L'EFFICACITE D'UN FOURNISSEUR**

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 200271802 20020206

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
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Detailed Description

Detailed Description

**SUPPLIER PERFORMANCE REPORTING**

INVENTOR

Alvin Wong

BACKGROUNDOF THE INVENTION

[00011 This invention relates to a system and...

...and end point. In order to measure the amount of time that a supplier takes to deliver **product** in response to an order, a "start point," i.e. an event triggering the start of a time **period** used to measure **delivery** time, must be **identified**.

An "end point," i.e., an event triggering the end of the time **period** used to measure **delivery** time, must also be **identified**. Typically, the possible start points used for measuring delivery time include: the time at which the buyer arrival time of the **supplier** shipment at one of the following: the customer's receiving dock ("CRD") (note, the terms "customer" and...

...customer assembly line, customer mail stop); the origin transport on board ("OTO", i.e., loaded onto the **shipping** vehicle at the origin);

destination transport onboard ("DTO", i.e. when the **shipping** vehicle arrives at its destination country); destination customs inbound ("DCI", i.e. arrival at customs in the...).

8/3,K/13 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01012950 \*\*Image available\*\*

**AUTOMATED PRODUCT SOURCING FROM MULTIPLE FULFILLMENT CENTERS**  
**DETERMINATION AUTOMATIQUE DE LA SOURCE D'APPROVISIONNEMENT DE PRODUITS A PARTIR DE MULTIPLES CENTRES D'EXECUTION DES COMMANDES**

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**Patent and Priority Information (Country, Number, Date):**

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Priority Application: US 2001899 20011115

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(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
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**Fulltext Availability:**

**Detailed Description**

**Detailed Description**

... contains the "available to ship" date, which indicates the date on which it will be possible to **ship** the **product** from that center 112-116 using that type of delivery service. If an order is placed early...112-116 may require twenty-four to forty-eight hours after the order is placed before the **product** can be ready to **ship**. It is also possible that a particular center 112-116 will have different available to ship dates delivery service used by center three 116 has a later pick up time at the **fulfillment** center 116 than the delivery service used for the other two methods of shipment. The available to...

...date 124 may also reflect an out of stock situation, in which case the date that the **product** is available to **ship** would reflect the expected date upon which the **fulfillment** center 112-116 would have received the **product** and be able to **ship**.

The third columnof information 126 is the expected **shipment** duration. This **time frame** is **determined** based on historical shipments from the particular **fulfillment** center 112-116 to the location of the

customer 102. By using actual history to determine the...delivery from center three 116 would normally arrive on December 25, 2002, which is a holiday.

The **shipping** cost is found in column 130. The shipping cost 130 can vary from fulfillment center 110 to...

8/3,K/16 (Item 7 from file: 349)

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00943767 \*\*Image available\*\*

SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A SUPPLY CHAIN MANAGEMENT SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE CONCUS POUR UNE GESTION DE CHAINE D'APPROVISIONNEMENT

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Detailed Description

Detailed Description

... derived from the ability to deliver useful information for planning and operational purposes. The coordinator of the **supply chain** is given the information required to further optimize and decrease **supply chain** costs, especially for promotion management and risk management.

Figure 17 is a flowchart of a process 1730 for cost reporting using a network-based **supply chain** management framework. Data is received utilizing a network in operation 1732. This data relates to **goods** required by a plurality of stores including a **product** identifier parameter, and a first cost parameter. A second cost parameter associated with a franchise mark-up...preferred embodiment of the present invention. As shown, data is received several of the participants in the **Supply Chain** and stored. Reports are generated and sent back to some or all of the participants. Also...

...on margins both in everyday situations as well as promotional situations. The supply chain coordinator, suppliers and **distributors** have access to virtually real-time sales, allowing for improved management of inventory and improved sales forecasting. Margin management information improves the **supply chain** coordinator's decision making I O capability in the area of risk management and purchasing.

Figure 23 is a flowchart of a process 2330 for processed **product supply chain** reporting wherein a network is utilized to receive data from a plurality of stores of a **supply chain** in operation 2332. The data includes a first set of information relating to an amount of processed **product distributed** to the stores and a second set of information relating to the 1 5 sale of finished...From an operational perspective the ISCM community is made up of management members, member retailers, distributors and **suppliers**. The supply chain coordinator manages the community from both a goods and services and information perspectives.

The...the at least one store.

An electronic order form is generated based on the data for ordering **goods** from a **distributor** of the supply chain in operation 6234. Supplier information is received from a management headquarters utilizing the...

...operation 6236. The supplier information includes a plurality of suppliers selected to supply the store with the **goods**.

The supplier information is then used to transmit the electronic order form to the selected suppliers of...

...using the data. In yet another aspect, the suppliers are selected using performance information collected regarding the **suppliers**.

1 5 Members

The members are franchisees who own one to several hundred retail outlets. They also...

...Order preparer Active View orders, forecasts, and historical sales and usage for restaurant. Enter orders for restaurants.

**Distributors**

Distributors are middlemen with whom the **supply chain** coordinator has contracted to supply all member retailers in a given geography.

Distributor **supply chain** services include.

Receive, pick, pack and ship retailer orders as specified by the terms and conditions of a **supply chain** agreement.

Invoice shipped retailer orders as specified by the terms and conditions of the **supply chain** agreement.

a Provide warehouse storage space for inventory levels that are sufficient to service the retailers in their geography as specified by the terms and conditions of the **supply chain** agreement.

Provide storage environments (e.g. refrigeration) that are needed to maintain the quality of the items...

...inventory levels that are sufficient to supply retailers as specified by the terms and conditions of the **supply chain** agreement.

Replenish inventories by buying from approved and/or pre-specified **suppliers**.

The distributors serve a large geography. As a result, they have several strategically located distribution centers throughout...goods. In an additional aspect, the 1 5 comparison is used to gauge a performance of the **suppliers**.

User Relationship Domains for Access and Reporting

The following table depicts the domains for access and reporting...

...goods delivered by the distributors. In a further aspect, the information relates to a price of the **goods** delivered by the **distributors**. In an additional aspect, a store from which the information is received is identified. As another aspect...

...is subsequently generated in operation 6836 based on the data utilizing the network-based interface for ordering **goods** from a **distributor** of the supply chain or a supplier of the supply chain if the **goods** are not **distributed** through a **distributor**. The network-based interface includes a virtual catalog to facilitate the generation of the electronic order form.

In an aspect, the catalog displays a plurality of raw **products** from which the goods are produced. In such an aspect, the catalog may display a plurality of **distributors** from which the raw **products** can be ordered. As a further aspect, the catalog may also display a comparison of performance of...

8/3,K/17 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00941465 \*\*Image available\*\*

METHOD AND APPARATUS FOR EFFICIENT PACKAGE DELIVERY AND STORAGE  
METHODE ET DISPOSITIF DE LIVRAISON ET DE STOCKAGE EFFICACES DE PAQUETS

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 2001810903 20010316; US 2001864797 20010524

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Availability:

Detailed Description

Detailed Description

... local distribution hub, and a destination RDC for the received items. The means for sorting the received **items** can also include means for sorting and grouping the identified received items by the identified destination RDC, the grouped items being organized by a common **item** identifier.

The means for **delivering** the packages in bulk can include a **transportation** means for **shipping** sorted and grouped **items** to the destination RDC, means for sorting at the destination RDC, the received items by either a...

...delivering the packages in bulk can also include means for creating at the destination RDC, the bulk **delivered** package by organizing the **items** sorted by the destination centralized pickup location or the destination local distribution hub for a specific recipient and a **transportation** means for **shipping** the created bulk delivered package to either the destination centralized pickup location or the destination local distribution...

...delivered package into the automated system of storage locker bins can comprise means for capturing electronically, an **identifier** or SKU for the bulk **delivered** package and means for associating the electronically captured identifier of the bulk delivered package with an electronically ...

...destination centralized pickup location. The circuitry and associated software can record information necessary for billing customers, retailers, **suppliers** and or recipients.

Another aspect of the invention discloses a method for efficient delivery of packages for...underlying Case table 1208, for example, by selecting, grouping and subtotaling the Quantity of each SKU (or **item** identifier) and ePD Retailer Id combination for each Local Market Id on Case records 1208 having a...

...Case records 1208 can be assigned a Local Market Id when their related cases are scanned and **picked** from the local 15@ market sort **conveyor** (24) onto a CDC sort conveyor (42). In one embodiment, Case records 1208 of cases on the...

8/3,K/18 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00907095 \*\*Image available\*\*

COLLABORATIVE COMMERCE HUB

CARREFOUR DE COMMERCE COLLABORATIF

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Patent and Priority Information (Country, Number, Date):

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Priority Application: AU 20001637 20001115; AU 20012647 20010119

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EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
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(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Word Count: 5256

Fulltext Availability:

Detailed Description

Detailed Description

... buyer querying a remote database with regard to stock availability, as dynamically self published by the goods suppliers  
I 00 in advance, The database is accessible over the Internet and uses a conventional browser, based...

...next step 102. This next step requires the buyer to input the customer selections, that is, the suppliers and models of the selected goods as well as the times and dates for delivery, installation, removal of packaging and the removal or disposal of the old product. Once this data is...

...user interface, which initiates a multicast. The multicast comprises of orders which are issued to multiple appropriate suppliers, as well as multiple shipping advices to the appropriate carriers required to transport the goods directly to the customer or agent, as well 1 5 as multiple installation advices to the one or more appropriate service providers which may be required to complete the order, by customer defined date and time schedules at the point of sale.

A distinguishing feature of the invention is the way that suppliers, carriers and service providers are selected (capability, capacity, availability, area, product, category, class and quality) to complete an order once the customer related data is entered into the system. With respect to installations, each service provider will be provided with a work order 1 1 0 (Fig. 5), which is a physical form...

8/3,K/20 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00884953 \*\*Image available\*\*

CENTRALIZED SYSTEM AND METHOD FOR OPTIMALLY ROUTING AND TRACKING ARTICLES  
SYSTEME ET PROCEDE CENTRALISES DESTINES A ACHEMINER ET A SUIVRE DES  
ARTICLES DE MANIERE OPTIMALE

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Patent and Priority Information (Country, Number, Date):

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Word Count: 6554

Fulltext Availability:

Detailed Description

Detailed Description

... time in the past, businesses and consumers require more efficient, flexible, and economic methods for transportation and **delivery** of articles such as raw materials, **manufactured goods**, packages, parcels and parts.

Today's retailers, **wholesalers** and **manufacturers** make use of advanced "supplychain" models to maintain minimal inventories and "work in progress", make maximum use...

...output capabilities sufficient to meet changing demand. In order to fully realize the benefits of these modern **logistics** and **manufacturing** models, businesses require systems which minimize transit times, allow for maximum control of goods (i.e., the...

...to track and route articles individually. It is also important for businesses to have accurate information regarding **estimated** production, **delivery** and **pick up times** for articles, to be able to adjust such times to meet production requirements and to have "end..."

8/3/K/21 (Item 12 from file: 349)

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00876852 \*\*Image available\*\*

SYSTEM FOR ORDERING CUSTOM-CUT MATERIAL

SYSTEME DE COMMANDE DE MATERIAUX A LA COUPE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200211013 A1 20020207 (WO 0211013)

Application: WO 2001US17290 20010530 (PCT/WO US0117290)

Priority Application: US 2000628290 20000728

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 7870

Fulltext Availability:

Detailed Description

Detailed Description

... updated product or item pricing and freight costs, product availability, and length of time required for the **vendor** to produce each item.

A further object is to employ formulaic or algorithmic pricing.

The present invention...as the time and equipment needed to move the material about on the factory floor; inspection, packaging, **shipping**, and profit.

The present invention preferably uses menus in place of fill-in spaces wherever possible. The...

...order to simplify delivery, the present invention groups ordered items, or items inquired about, by customer-requested **shipping** times. For example, items which are in stock, or which can be custom-cut rapidly, are preferably grouped together, if the customer elects to have such **items** produced quickly. Items that are to be **shipped** at a later date are likewise grouped together; and so on, so that each inquiry is subdivided into groups according to **shipping** date. Freight costs are determined based on the overall size and weight of **items** to be **shipped** on each of the **identified shipping times**. Grouping by **delivery** date is also within the scope of the invention.

With these and other objects, advantages, and features...

8/3,K/22 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00872977 \*\*Image available\*\*

SYSTEM AND METHOD FOR REMOTELY COORDINATING THE SECURE DELIVERY OF GOODS  
Système et Procédé de télécoordination de l'acheminement sur de  
Marchandises

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200207119 A1 20020124 (WO 0207119)  
Application: WO 2001US22042 20010713 (PCT/WO US0122042)  
Priority Application: US 2000218400 20000714; US 2001905383 20010712  
Designated States:  
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 15765

Fulltext Availability:

Detailed Description

Detailed Description  
... of such goods. The present invention allows a customer to request the delivery of goods from a **vendor**, and coordinates the delivery of these goods to a secure locker from which the goods can be...

...like books, compact discs, clothing, videotapes, and small household items.

Typically the merchants use a general-purpose **shipper** to complete the delivery step,

1

like the United Parcel Services (UPS @), the U.S. Postal Service...

...for people, for example, the pick-up and delivery of dry cleaning.

A critical aspect of order **fulfillment** is the actual placing of **goods** in the customer's hands. In many cases, the delivery location is specified by the customer, but...

...and social schedules and often do not have the time or opportunity to arrange for the personal **delivery** or **pickup** of **items** at times convenient to both the merchant and the customer. This is especially the case with delivery...

...and UPS which often deliver only during normal business hours, when the customer is also working. Since **delivering** personal **items** at a work location is often undesirable, impractical, and impossible, many customers can not conveniently receive **goods** via **delivery** systems currently available.

Various solutions to these problems in conveniently **delivering** **goods** and services have been attempted. Generally, these solutions only address the delivery aspect of the purchase/ **fulfillment** circle and require the customer to be present at a more opportune time. Such solutions often do ...

...the simplest case, for a locally furnished item, the customer may often elect to pick-up the **product** at the merchant's or **shipper**'s location. Typical examples include dry cleaners, and going to a will-call window or a receiving...

00871071     \*\*Image available\*\*

METHOD AND APPARATUS FOR EFFECTIVE DISTRIBUTION AND DELIVERY OF GOODS

ORDERED ON THE WORLD-WIDE-WEB

PROCEDE ET DISPOSITIF RENDANT POSSIBLE UNE DISTRIBUTION EFFICACE DE BIENS

COMMANDES SUR INTERNET

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2001US21091 20010703 (PCT/WO US0121091)

Priority Application: US 2000216661 20000707; US 2001855558 20010516

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5747

Fulltext Availability:

Detailed Description

Detailed Description

... of merchandise to a P,O,  
box provides limited benefit to consumers and  
essentially no benefit to vendors , With regard to  
consumersf maintenance of the P,O, box costs money,  
Therefore? any convenience of central...

...O, box for each consumer,  
resulting in no economies of scale and leaving the  
vendor with significant shipping charges to pass along  
to all of its customers.

Further, from the consumer's perspective, P.O. boxes  
provide no notification of the arrival of ordered  
items, have predetermined limits to the size of the  
delivered items , and provide limited access times to  
5 pick -up the delivered items . In addition, the consumer  
is not kept informed of the fact that a shipment may  
contain perishable items and may delay picking up the  
package, especially if he or she is used to making a...

...pickup.

Thus, there is a need to provide for an efficient way for vendors to centralize the **shipping** process to allow **vendors** can gain the benefit of consolidated **shipping** and to provide significant cost and convenience advantages to consumers.

#### SUMMARY OF THE INVENTION

.The present invention site to consolidate shipments from **vendors** . In an example embodiment, locally available items are earmarked for the user at the local pick-up site.

Items not available locally are handled by the system communicating with remote **vendors** and arranging delivery either to the local pickup site or directly to the user.

In accordance with...

8/3,K/25 (Item 16 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00865421 \*\*Image available\*\*

#### METHOD AND SYSTEM FOR SUPPLIER RELATIONSHIP MANAGEMENT PROCEDE ET SYSTEME DE GESTION DES RELATIONS FOURNISSEURS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200199018 A1 20011227 (WO 0199018)

Application: WO 2001US20011 20010622 (PCT/WO US0120011)

Priority Application: US 2000213324 20000622; US 2000250507 20001204

Designated States:

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21711

Fulltext Availability:

Detailed Description

Detailed Description

... documents are listed within the summary tables.

In a preferred embodiment of the present invention, the **manufacturer** requires that their suppliers provide notification when products are available to ship from the supplier to the...

...date range, a supplier is able to view and provide available-to-ship dates for multiple line **items** and/or PO numbers. Once completed, the supplier can save and/or send the notifications to the...

...schedule conunit date and availability to ship document number.

In this embodiment, in order to conimence the **shipping** of the available **products**, the supplier must wait for each schedule item or PO number to receive a status of "Authorized to **Ship** ." The manufacturer can tag the **items** manually or, in an altemative embodiment of the

27

present invention, through a Material Release process whereby a manufacturer detennines when to allow a supplier to **ship** parts against a Schedule **Item** by setting up trigger configurations.

Alternatively, the SRMS may tag the item automatically based on criteria established by the **manufacturer** and stored within the DBMS. The SRMS provides multiple configurable options that provide flexibility for authorizing the **supplier** to ship including: time-based (system default), Kanban triggers, **supplier** managed releases, and system generated approvals. An example of a "Material Release" screen is shown in Figure 31. The Material Release process restricts the "Ship Quantity" window from being opened until the **manufacturer** is ready for parts to be **delivered**. The "Ship Quantity" window is a component of the "Schedule Summary" lo screen and therefore, the Materials Release process described below may also impact the "Schedule Sununary...to one skilled in the art, this method allows a barcode display to be configured for each **manufacturer**. The method provides for display of the resulting barcode, and printing of the resulting barcode(s) on labels.

Further, the **supplier** may use a printout of the "Advance Ship Notice" screen as a packing list. This packing list...

...is viewable in a "Ship Notice Surnmary" screen, exemplified in Figure 38.

3 1.

A process for **shipping** materials according to an embodiment of the present invention is shown in Figure 39. As discussed above, the SRMS provides a "Ship Notice" screen to the **supplier** for completion through at least the "Create Ship Notice" 251 button on the "Schedule Sununary" screen Figure 18, S300. The "Create Ship Notice" button opens the "Ship Notice" screen for those schedule **items** for which the user has entered quantity information into the "Ship Quantity" window on the "Schedule Summary" screen. The **supplier** enters shipment information into the dynarnic "Ship Notice" screen S305 and atteraps to send the "Ship Notice" data to the **manufacturer** through the SRMS S310. If the **supplier** is unable to send the "Ship Notice" data for lack of complete infonnation, the SRMS prompts the **supplier** to enter the lo necessary information (steps not shown). Alternatively, in the embodiment described in Figure 39...

8/3,K/26 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00853828

EVENT DRIVEN SHOPPING METHOD UTILIZING ELECTRONIC E-COMMERCE ORDER PENDING  
PROCEDE D'ACHAT DECLENCHÉ PAR L'EVENEMENT UTILISANT LA MISE EN ATTENTE DE  
COMMANDES DU COMMERCE ELECTRONIQUE

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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200186551 A2 20011115 (WO 0186551)  
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Priority Application: US 2000202332 20000505  
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Availability:

Detailed Description

Detailed Description

... as a birthday, special occasion, or any date or event, as defined by the purchaser. The electronic **vendor** (s) may then ship the items to the recipient and bill the purchaser who owns or initiated...  
...other embodiments, the administrator of the order pending system itself is the immediate purchaser to the e- **vendor**, with the initial purchaser having previously paid for the item(s) ---through a remittance to the Application Service **Provider** or administrator/liost of the order pending system. The electronic order pending method's transaction identifiers can...

...associated special occasion dates); purchaser identifiers and profiles (purchaser profiles can include name, addresses, credit card, and **fulfillment** preferences); **vendor** identifier profiles (**vendor** profiles can include name, **vendor** system parameters, order **fulfillment schedule** requirements, pealc **period** special instructions, and promotional preferences); and one or more item identifiers and profiles (item profiles can include parent **vendor** identifiers, item number, price, size, color, availability, and complementary, or QGsuggestion" item identifiers). A compilation of some...

...transaction profile can include all of the above infonnation about a transaction that is queued and awaiting **fulfillment** and execufion by the electronic order pending system).

The event or oecasion identifier and profile can be...to select items at 63 8 he selects and is linked to the domain of an affiliated **vendor**. The purchaser can then browse at 639 and see if he finds items he wants. If he...

...of purchasers that an order for the selected items be submitted early enough for the parent e- **vendor** to **ship** the **item** to the recipient by the scheduled **delivery** date. At this point, the pended **item** information is preferably dispatched electronically as an order to the 1 5 parent **vendor** such that the item is sent for timely receipt by the recipient no later than the scheduled...

...prior to the scheduled. delivery date to meet the scheduled date based on and in accordance with **vendor** instrLictions.

As discussed above, there may be provided a prior time limit on **fulfillment**. For example, it the **scheduled . delivery** date; however, these **periods** are variable based on the specific transaction instructions received. The affiliated e- **vendor** may be associated or a joint venturer with the remotely-hosted order pending system or may be

independent, i.e., not associated. This may be implemented in conjunction with the logistic assurance aspects of the present invention discussed herein.

In a computer network having a purchaser computer system...

...present invention will preferably be capable of communicating with the purchaser's computer system. Any affiliated e-**vendor** computer system will be capable of communicating with the order pending computer system. A suitable sequence of...

...the purchaser through the purchaser system, the transaction to be pended will typically include at least one **item** and a future scheduled **delivery** date associated with the **item**. The pended order may then be stored in the order pending system database as a pended transaction...

8/3,K/27 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00843137 \*\*Image available\*\*

**TRACKING AND LOGISTICS MANAGEMENT SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE DE GESTION DE LOGISTIQUE ET DE SUIVI**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200175700 A2-A3 20011011 (WO 0175700)

Application: WO 2001GB1523 20010404 (PCT/WO GB0101523)

Priority Application: US 2000542535 20000404

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 18881

Fulltext Availability:

Detailed Description

Detailed Description

... environmental information concerning the shipment so that the host management system 300 can ensure that the proper **shipping** provisions are ascertained and quoted in the price to the customer for shipment. Options such as temperature sensitivity 686, humidity sensitivity 692, **goods** for **shipment** being perishable 688, and the **goods** being especially fragile and/or prone to damage 690 are available. This information will be used by the host management system 300 in determining information such as acceptable **shipping providers**, acceptable **shipping containers**, and acceptable

routing  
48

information for the customer shipment since all of these factors may affect...

...price 694, the best delivery time 696, best routing 698, best customs handling method 700, and alternative times for delivery 702.

If the customer selects the cheapest price 694 option, the host management system 300 will search for providing the shipment in...

8/3,K/28 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00837958 \*\*Image available\*\*

ELECTRONIC COMMERCE ENABLED AGGREGATION FOR FACILITATING INTERNATIONAL COMMERCE  
REGROUPEMENT PAR COMMERCE ELECTRONIQUE SERVANT A FACILITER LE COMMERCE INTERNATIONAL

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200171601 A1 20010927 (WO 0171601)

Application: WO 2000US30450 20001106 (PCT/WO US0030450)

Priority Application: US 2000532273 20000321

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7702

Fulltext Availability:

Detailed Description

Detailed Description

... delivery agent, step 230. When the products consolidated on the same bill of lading arrive at the shipper site or when the shipping time limit has arrived, the shipper server

9

SUBSTITUTE SHEET (RULE 26...)

...contains the timing and scheduling information for the next available pick up and delivery times to the shipper for the packaged product based upon its availability from the vendor or packing company.

The packaging agent server 275 contains packaging...

...provides a time table when the third party packaging service or the vendor will have the packaged product ready for inland delivery . The packaging agent inland delivery charge schedule file 430 includes information regarding the costs for shipping the packaged products from the packaging agent to the shipper . The packaging agent inland delivery schedule file 440 contains information regarding the timing and scheduling information for the next available pick up and delivery

times to the **shipper** for the packaged **product** based upon its availability after packaging. The packaging agent account balance control file 450 maintains the account...

...information available to the customers for their orders. Adjusted freight charge schedule file 490 provides the adjusted **freight** costs for **shipping** each of the **products** that are offered by the affiliated vendors of the import server 280. The adjusted freight charge schedule...

...total weight or volume assumption for each shipping batch under a bill of lading. For example, each **shipment** could be assumed to contain 50 **items** and then be adjusted as needed based upon actual demand. With this method, a volume discounted freight...

8/3,K/29 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00833798 \*\*Image available\*\*

**INVENTORY CONTROL SYSTEM AND METHODS**

**PROCEDES ET SYSTEME DE GESTION DES STOCKS**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2001US7253 20010307 (PCT/WO US0107253)

Priority Application: US 2000187389 20000307

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Word Count: 10618

Fulltext Availability:

Claims

Claim

... said suppliers; and, redundant data connection between said suppliers, said customers, and said central server.

13) The **vendor** managed inventory management system of Claim 12, in which

said central server receives inventory information from customers...

...or passive user interface, and through which users can request dispensation of certain products. 17) The inventory **distribution** system of Claim 14, in which said printer prints product information when requested and as necessary to...

...machine and said server. 19) The inventory distribution system of Claim 18, in which said computer monitors **distribution** of **products** contained within said vending

machine,  
transmits such **distributions** to said server via said redundant data connection, and through which said server can notify a vending...

...removed from an inventory;  
calculating trends based on the frequency with which products are used;  
determining optimal **product** quantities for each order, such that  
**shipping** costs are reduced and price points for different quantities are taken into account while also reducing expenditures.  
ordering additional stock as needed;  
tracking said orders;

- 37

calculating order fulfillment trends based on **delivery** times from each supplier and for each **product**; and,  
determining preferred suppliers based on such order fulfillment trends.  
2 1) The automated inventory management method...

...removing products from an inventory by electronically retrieving an identifier from said user.

24) An automated order **fulfillment** method, comprising the steps of:  
receiving an availability and pricing request from a customer for one or each supplier;

recording products as they are "picked" from a supplier inventory;  
recording **products** as they are packed into **shipping** packages;  
generating package packing slips and shipping labels;  
correlating shipping and packing information;  
shipping said packages; and  
tracking said shipments.

25) The automated order **fulfillment** method of Claim 24, in which picked **products** are recorded by electronically scanning identifiers associated with such **products**. - 38

) The automated order **fulfillment** method of Claim 25, in which picked **products** are recorded by electronically scanning identifiers associated with such products using a handheld computing device, to which...

8/3,K/32 (Item 23 from file: 349)

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00818652 \*\*Image available\*\*

#### TUPPLY CHAIN ARCHITECTURE

#### ARCHITECTURE DE CHAINE D'APPROVISIONNEMENT

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Patent and Priority Information (Country, Number, Date):

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2001758509 20010111

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

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Fulltext Availability:  
Detailed Description

Detailed Description

... has extra parts of the same type demanded and that another customer Y plans to use either supplier B or C for his needs. The supply chain server can then arrange for supplier C to...

...Order Management cycle. As such, in one embodiment of the invention, Planning takes place on Monday night, Fulfillment of all parts on Tuesday, and I O Billing on Tuesday night. Some parts are used in...

...In prior art techniques, many dates needed to be entered, tracked and changed according to the expected delivery status of the product ordered. This is a very costly and time consuming task as the sequence of information, products, and currency can change depending upon the needs of the specific customers, suppliers and logistics providers that are using the network.

Product usage by customers is often determined by an of ERP computer system on a weekly basis, the supply chain network in accordance with the invention realizes order, planning , and delivery times that cumulatively considerably less than one week. This system enables customers to significantly vary production plans at...

...portions of these modules operate concurrently.

## II. Order Management

The Order Management Module provides an environment where supply chain server 74 directly interacts with customers 72. This Module includes the processes required to capture customer demand...and approval required to process that customer demand.

Customers 72 submit their demand for desired products to supply chain server 74 in multiple ways. For example, in a preferred embodiment, customers 72 submit their requests using...

...74 by sending an ad hoc request. Such an ad hoc request is an order that no supplier has been prepared to receive as it was not forecasted or was not within forecasting tolerances defined...

8/3,K/35 (Item 26 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00783174 \*\*Image available\*\*

DISTRIBUTING PRODUCTS FROM SUPPLIERS TO CONSUMERS IN A NETWORK ENVIRONMENT  
DISTRIBUTION DE PRODUITS PAR DES FOURNISSEURS A DES CLIENTS DANS UN ENVIRONNEMENT DE RESEAU

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Priority Application: US 99388999 19990901

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ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Fulltext Availability:

Detailed Description

Detailed Description

... information and product availability information to the consumer interface. The price filter may be configured to transmit **supplier** specified product prices. The price filter may be configured to transmit retailer specified product prices during certain...

...The system also may include an escrow account manager configured to retain consumer payments for a selected **period** of time and to distribute retained funds. The escrow account manager may be configured to distribute retained funds to an entity that **shipped** a

3

**product** to a consumer. The escrow account manager may be configured to **distribute** funds retained for a given **product** order among a supplier that **fulfilled** the given **product** order and one or more retailers identified by that supplier.

In another aspect, the invention features a method for coordinating the **distribution** of **products** from a plurality of **product** suppliers to consumers in a network environment, comprising: posting a **product** order on an order **fulfillment** page after receiving a **product** order from a consumer; transmitting product order information to a retailer after receiving a fulfillment acceptance indication from the retailer; and purging the product order from the order **fulfillment** page after receiving a **fulfillment** acceptance indication from the retailer. I 0 After a selected period of time after the product order was received, product information may be to a supplier and the **product** order may be purged from the order **fulfillment** page.

As used herein, the term "supplier" refers to any entity (e.g., manufacturers, distributors and **vendors**) that has at least one distribution channel that involves a retail establishment.

Also, as used...

8/3,K/36 (Item 27 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00779685 \*\*Image available\*\*

LOGISTICS MANAGEMENT SYSTEM FOR INTERNET ORDERS

SYSTEME DE GESTION DE LOGISTIQUE POUR COMMANDES PAR INTERNET

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(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
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Publication Language: English

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Fulltext Word Count: 14321

Fulltext Availability:

Claims

Claim

... executed by processor means, is capable of performing the following steps:  
receiving product order information from a **provider** of at least one product, about an order for said at least one product which has been...

...provider and a requested delivery date to the customer;  
determining which of a plurality of carriers should **transport** the **product** from the provider to the customer;  
I 0 automatically performing a timeline feasibility study to determine I 1 whether transportation of and **delivery** of said at least one **product** to the customer I 3 from the provider by any of the **carriers** is possible within the time **period** defined by I 4 the **pickup** date and the delivery date; and I 5 if said transportation and delivery is not possible within the time I 6 period, rejecting a request from the provider to **ship** said at least one **product**.

24 A medium on which has been pre-recorded a machine-readable computer program which, when executed...

...over a communications network;  
receiving an indicium that funds have been transferred from the provider to a **logistics** manager;  
selecting, according the product order information and stored I 0 predetermined criteria, one or more carriers from a plurality of predetermined carriers I 1 different from the **logistics** manager for a task of **transporting** said at least one **product** I 2 from the provider to the customer;

60

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receiving, by the logistics manager, a notification that said at least one

product has been delivered by a carrier ; and  
1 5 responsive to said last step of receiving, making an automatic  
1 6 electronic funds...

8/3,K/41 (Item 32 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00733731 \*\*Image available\*\*

A METHOD AND APPARATUS FOR HANDLING SHIPPING REQUESTS VIA THE INTERNET  
PRODECE ET APPAREIL DESTINE AU TRAITEMENT DE DEMANDES D'EXPEDITION VIA  
L'INTERNET

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Priority Application: US 99118477 19990203; US 2000493823 20000128

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GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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Detailed Description

Detailed Description

... filing, prosecuting, or publishing this application in the United  
States Patent and Trademark Office.

## 2. BACKGROUND ART

Shipping of goods traditionally requires contacting a delivery service  
to pick up and deliver the goods. Due to...

...Thereafter, multiple telephone calls and conversations will be necessary  
to inquire about the availability of a specific shipping service (e.g.,  
next-day, two-day, air, ground, express, or other type of delivery).

Further, the shipping rates, timelines, and other related factors such  
as minimum and maximum weight requirements and delivery distance will  
have to be considered. Once all the necessary information is gathered,  
then a shipping company will have to be selected and the parties will  
have to agree on the time and...

...influence of computers and the Internet in our daily lives, Some of the  
mechanics involved in the shipping and delivery of goods have been  
automated. Many shipping companies, such as Federal Express and United  
Postal Service, provide their clients with an automated way of routing or  
tracking the shipment of goods . Among other information, these

courier services also provide rate and service information as well as means for **scheduling** dates and **times** for **pickup** and **delivery** on their web sites. Unfortunately, though, there are no services available that can provide a consumer with...

...better understood and appreciated by reviewing the following discussion of computer networks, the Internet, and 5 traditional **shipping** models.  
Computer Networks and the Internet  
The Internet is a global com